



Product Environmental Profile



RCBO 2 Pole Mechanical

Representative product	FRBM6-C40/2/003 (Y7-170728) Product Category: Differential circuit-breakers
Description of the product	Eaton’s mechanical RCBO - Residual-current circuit breaker with overcurrent protection is designed to provide circuit protection for low-voltage distribution systems. Eaton circuit breakers protect conductors against overloads and conductors and connected apparatus, such as motors and motor starters, against short circuits.
Homogeneous Environmental Families Covered	The PEP concerns following product offerings from Eaton residual-current circuit breaker with overcurrent protection as mentioned below: Series: FRBM6, FRBMM, NmRB6, NmRBM, PKP42, PKP62, PKP63, PKPM2, PKPM3 Current Range: 6A, 10A, 13A, 15A, 16A, 20A, 25A, 32A, 40A No of Poles: 2 Tripping Curves: B, C, D Sensitivity: 30mA, 300mA, 100mA Differential protection type: A
Functional unit	“Protect the installation against overloads and short circuits and protect people and premises at risk of fire or explosion against insulation defects in a circuit with rated voltage 240V, rated current 40A, with 2 poles, a rated breaking capacity 6kA, the tripping curve C (MCB) / AC (RCD), the sensitivity 30mA, and the differential protection type A, in the industrial application area, according to the appropriate use scenario, and during the reference service life of the product of 20 years.”
Company information	Eaton Electro Productie s.r.l, Independentei 8, Sarbi, Romania, 437157 Email: productstewardship-es@eaton.com

Constituent Materials			
Reference product mass	2.86E-01 kg (With packaging)		
Category PEP Material	Materials	Mass (kg)	Percentage (%)
Metals	Steel	7.19E-02	25.2%
Plastics	Polyamide 6	7.06E-02	24.7%
Metals	Copper	5.14E-02	18.0%
Metals	Ferronickel	1.90E-02	6.6%
Others	Carton	1.68E-02	5.9%
Metals	Stainless Steel	1.68E-02	5.9%
Plastics	PA66GF30	1.33E-02	4.7%
Others	Wood	5.83E-03	2.0%
Plastics	Polytetrafluoroethylene (PTFE)	3.12E-03	1.1%
Others	Label	2.87E-03	1.0%
Plastics	Polycarbonate (PC)	2.75E-03	1.0%
Plastics	Polyphenylene sulfide (PPS)	2.55E-03	0.9%
Others	Paper	1.86E-03	0.7%
Metals	Tin	1.00E-03	0.4%
Plastics	Polybutylene terephthalate (PBT)	9.65E-04	0.3%
Others	Miscellaneous	4.86E-03	1.7%
Total		2.86E-01	100.0%

Substance Assessment

The representative product is compliant with the EU-RoHS Directive (2011/65/EU) with Duty-to-declare and the product does contain Lead as Substance-of-Very-High-Concern (SVHC) on the Candidate List of the EU-REACH Regulation (1907/2006/EC).

Additional Environmental Information

Manufacturing	The reference product is assembled at an Eaton plant Sarbi, Romania holding management system certifications according to ISO 14001 standards.
Distribution	Eaton is committed to minimizing weight and volume of product and packaging with focus to optimize transport efficiency.
Installation	The installation process does not require any energy consumption and there is no waste other than the obsolete product packaging generated during this step.
Use	Product do not need any maintenance during Use phase.
End of life	The recyclability rate of the overall product is 88% if it is properly dismantled prior to shredding. The rate is calculated based on "ECO'DEEE recyclability and recoverability calculation method" (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME).

Environmental Impacts	
<p>The calculation of the environmental impacts is the result of the Product's Life Cycle Analysis in accordance with ISO 14040/44, covering the entire lifecycle, i.e., "Cradle-to-Grave" including the following life cycle phases: production, distribution, installation, use and end of life.</p> <p>System modelling was carried out using the commercial LCA software EIME v6.2.22 with database version CODDE-2024-04.</p> <p>Indicators Set: PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v1.0</p>	
Manufacturing Phase	<p>The product is assembled as well as packed at Eaton facility Eaton Electro Productie s.r.l, Independentei 8, Sarbi, Romania plant.</p> <p>Energy model used: Romania, Europe, Global</p>
Distribution Phase	<p>Distribution of the product in its packaging from the Eaton's last logistics platform to the installation place in Europe is considered as per PCR rules.</p>
Installation Phase	<p>Product is installed in Europe. Installation of product and treatment of packaging waste are considered in this phase. There is no energy consumption for reference product.</p> <p>Energy model used: Europe</p>
Use Phase	<p>Reference lifetime: 20 Years</p> <p>Usage profile: The product has power loss of 6.7 W at full load condition. For Industrial applications considering 50% of the loading rate and 30% of the use time rate, total losses are 88.038 kWh over the 20 years. Product do not require any maintenance/replacement during useful life. Industrial application is considered as per PSR-0005 section 3.4.2.</p> <p>Energy model used: Europe</p>
End of life Phase	<p>Product disposed with WEEE guidelines.</p> <p>Energy model used: Europe</p>
Module-D	<p>Module D is calculated according to PCR-ed4-EN-2021 09 06 based on the materials recycled and the modelled end-of-life scenario. It expresses the net benefits and loads beyond the boundaries of the system and are not to be included in the life cycle totals.</p>

Environmental Impact Indicators: Mandatory

Mandatory environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B1-B7 - Use	C1-C4 - End of life	B6 - Operational energy use	D - Benefits and loads beyond the system boundaries
Depletion of abiotic resources - elements (ADP-e)	kg equivalent Sb	3.44E-04	3.23E-04	2.68E-09	2.60E-09	1.10E-05	1.02E-05	1.10E-05	-1.69E-04
Depletion of abiotic resources - fossil fuels (ADP-f)	MJ	8.78E+02	7.22E+01	9.51E-01	2.64E-01	7.83E+02	2.09E+01	7.83E+02	-2.85E+01
Acidification (AP)	mole of H ⁺ equiv.	2.07E-01	3.21E-02	4.60E-04	1.07E-04	1.71E-01	3.91E-03	1.71E-01	-1.57E-02
Freshwater eutrophication (EP-fw)	kg P eq.	5.44E-04	1.48E-04	2.56E-08	2.95E-07	8.17E-05	3.14E-04	8.17E-05	-2.11E-05
Marine aquatic eutrophication (EP-m)	kg of N equiv.	2.25E-02	2.60E-03	2.02E-04	3.40E-05	1.94E-02	3.38E-04	1.94E-02	-1.08E-03
Terrestrial eutrophication (EP-t)	mole of N equiv.	3.46E-01	2.86E-02	2.22E-03	2.54E-04	3.11E-01	4.12E-03	3.11E-01	-1.14E-02
Climate change - total (GWP)	kg CO ₂ eq.	3.47E+01	3.06E+00	6.80E-02	7.24E-02	3.10E+01	4.26E-01	3.10E+01	-1.23E+00

Mandatory environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B1-B7 - Use	C1-C4 - End of life	B6 - Operational energy use	D - Benefits and loads beyond the system boundaries
Climate change - biogenics (GWP-b)	kg CO ₂ eq.	9.73E-02	-1.37E-02	0.00E+00	4.39E-02	5.71E-02	1.01E-02	5.71E-02	1.73E-02
Climate change - fossil fuels (GWP-f)	kg CO ₂ eq.	3.46E+01	3.07E+00	6.80E-02	2.85E-02	3.10E+01	4.16E-01	3.10E+01	-1.25E+00
Climate change - land use and land use transformation (GWP-lu)	kg CO ₂ eq.	4.04E-06	3.88E-06	0.00E+00	0.00E+00	0.00E+00	1.67E-07	0.00E+00	-3.49E-06
Ozone depletion (ODP)	kg equivalent CFC-11	4.33E-06	4.16E-06	1.04E-10	1.32E-09	1.50E-07	1.55E-08	1.50E-07	-7.34E-08
Photochemical ozone formation (POCP)	kg of NMVOC equiv.	7.22E-02	9.42E-03	5.60E-04	6.43E-05	6.10E-02	1.21E-03	6.10E-02	-4.00E-03
Water scarcity (WDP)	m ³ of equiv. deprivation worldwide	4.44E+00	1.68E+00	2.59E-04	9.36E-03	2.38E+00	3.78E-01	2.38E+00	-9.01E-01

Inventory Flow Indicators: Mandatory

Mandatory Inventory flow indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B1-B7 - Use	C1-C4 - End of life	B6 - Operational energy use	D - Benefits and loads beyond the system boundaries
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	MJ	2.13E+02	4.96E+00	1.27E-03	1.68E-01	2.07E+02	4.96E-01	2.07E+02	-3.31E-01
Use of renewable primary energy resources used as raw materials	MJ	9.76E-01	9.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-3.07E-01
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	2.14E+02	5.94E+00	1.27E-03	1.68E-01	2.07E+02	4.96E-01	2.07E+02	-6.38E-01
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	8.75E+02	6.92E+01	9.51E-01	2.64E-01	7.83E+02	2.09E+01	7.83E+02	-2.61E+01
Use of non-renewable primary energy resources used as raw materials	MJ	2.95E+00	2.95E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.39E+00
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	8.78E+02	7.22E+01	9.51E-01	2.64E-01	7.83E+02	2.09E+01	7.83E+02	-2.85E+01
Use of secondary materials	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Mandatory Inventory flow indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B1-B7 - Use	C1-C4 - End of life	B6 - Operational energy use	D - Benefits and loads beyond the system boundaries
Use of non-renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Net use of fresh water	m ³	1.04E-01	3.93E-02	6.02E-06	3.04E-04	5.59E-02	8.79E-03	5.59E-02	-2.10E-02
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for recycling	kg	3.63E-01	1.12E-01	0.00E+00	1.96E-02	0.00E+00	2.31E-01	0.00E+00	-1.06E-08
Materials for energy recovery	kg	5.54E-03	4.22E-04	0.00E+00	3.89E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00
Exported energy	MJ by energy vector	2.17E-03	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hazardous waste disposed of	kg	1.45E+01	1.29E+01	0.00E+00	1.93E-03	1.36E+00	2.63E-01	1.36E+00	-8.25E+00
Non-hazardous waste disposed of	kg	7.85E+00	2.38E+00	2.39E-03	1.09E-02	5.24E+00	2.19E-01	5.24E+00	-1.00E+00
Radioactive waste disposed of	kg	1.87E-03	5.25E-04	1.70E-06	1.37E-06	1.20E-03	1.38E-04	1.20E-03	-1.11E-04
Biogenic carbon content of the product	kg of C.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content of the associated packaging	kg of C.	1.13E-02	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Environmental Impact Indicators: Optional

Optional Environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B1-B7 - Use	C1-C4 - End of life	B6 - Operational energy use	D - Benefits and loads beyond the system boundaries
Ecotoxicity, fresh water	CTUe	1.90E+03	1.83E+03	4.46E-02	3.22E-01	5.86E+01	9.66E+00	5.86E+01	-1.67E+03
Human toxicity, cancer effects	CTUh	2.49E-07	2.41E-07	1.20E-12	2.02E-09	3.90E-09	1.68E-09	3.90E-09	-1.44E-07
Human toxicity, non-cancer effects	CTUh	4.20E-07	3.00E-07	2.32E-11	7.47E-11	9.32E-08	2.74E-08	9.32E-08	-1.78E-07
Ionizing radiation, human health	kBq of U ²³⁵ equiv.	7.38E+01	2.46E+01	1.66E-04	4.50E+00	4.46E+01	8.90E-02	4.46E+01	-1.68E+01
Impacts related to land use/soil quality	-	2.20E+00	3.94E-01	0.00E+00	7.30E-05	8.59E-01	9.47E-01	8.59E-01	-9.74E-03
Emission of fine particles	incidence of diseases	1.56E-06	2.61E-07	3.51E-09	5.74E-10	1.28E-06	1.72E-08	1.28E-06	-1.31E-07
Total use of primary energy during the life cycle	MJ	1.09E+03	7.81E+01	9.52E-01	4.32E-01	9.91E+02	2.14E+01	9.91E+02	-2.92E+01

*B6 is energy requirements during the use stage. Other sub modules in the use stage (B1-B5, B7) are equal to zero. So, it is not listed in the table.

To evaluate the environmental impact of other product covered by this PEP, multiply the impact figures by-

Multiplying Factors for Manufacturing, Distribution, Installation, End-of-Life, and Module-D:

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-170728	FRBM6-C40/2/003 (Reference)	All Phase	1.00												
Y7-108105	PKPM2-10/2/B/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108106	PKPM2-13/2/B/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108107	PKPM2-16/2/B/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108108	PKPM2-20/2/B/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108109	PKPM2-10/2/C/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108110	PKPM2-13/2/C/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108111		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
	PKPM2-16/2/C/003-A	Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108112	PKPM2-20/2/C/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108113	PKPM2-10/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108114	PKPM2-13/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108115	PKPM2-16/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108116	PKPM2-20/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108117	PKPM2-10/2/C/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108118	PKPM2-13/2/C/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-108119	PKPM2-16/2/C/01-A	Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-108120	PKPM2-20/2/C/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111581	PKP42-10/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111582	PKP42-13/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111583	PKP42-16/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111584	PKP42-20/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111589	PKP62-10/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111590	PKP62-13/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
Y7-111591	PKP62-16/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111592	PKP62-20/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111597	PKPM2-10/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111598	PKPM2-13/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111599	PKPM2-16/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111600	PKPM2-20/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111602	PKPM2-10/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111603	PKPM2-13/2/B/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111604	PKPM2-16/2/B/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111605	PKPM2-20/2/B/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111606	PKP42-6/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111607	PKP42-10/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111608	PKP42-13/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111609	PKP42-16/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111610	PKP42-20/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111614	PKP62-6/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111615	PKP62-10/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111616	PKP62-13/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111617	PKP62-16/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111618	PKP62-20/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111622	PKPM2-6/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111623	PKPM2-10/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111624	PKPM2-13/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-111625	PKPM2-16/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111626	PKPM2-20/2/C/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111627	PKPM2-6/2/C/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111628	PKPM2-10/2/C/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111629	PKPM2-13/2/C/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111630	PKPM2-16/2/C/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111631	PKPM2-20/2/C/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111634	PKPM2-10/2/B/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-111635	PKPM2-13/2/B/03-A	Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111636	PKPM2-16/2/B/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111637	PKPM2-20/2/B/03-A	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
Y7-111638	PKPM2-6/2/C/003-A	End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Distribution	0.93												
		Installation	1.00												
Y7-111639	PKPM2-6/2/C/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-111640	PKPM2-10/2/C/03-A	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
Y7-111641	PKPM2-13/2/C/03-A	End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Distribution	0.93												
		Installation	1.00												
Y7-111642	PKPM2-16/2/C/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
Y7-111643	PKPM2-20/2/C/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-144691	PKPM2-15/2/B/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-144692	PKPM2-15/2/C/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-148562	PKPM2-20/2/B/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-148563	PKPM2-20/2/C/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170113	PKPM2-6/2/D/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170721	FRBMM-C6/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170722	FRBMM-C10/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170723	FRBMM-C13/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170724	FRBMM-C16/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170725	FRBMM-C20/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170785	FRBMM-C6/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170786	FRBMM-C10/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170787	FRBMM-C13/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170788	FRBMM-C16/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170789	FRBMM-C20/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170803	FRBMM-B10/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170804	FRBMM-B13/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170805	FRBMM-B16/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170806	FRBMM-B20/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170819	FRBMM-C6/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170820	FRBMM-C10/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170821	FRBMM-C13/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170822	FRBMM-C16/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-170823	FRBMM-C20/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170837	FRBMM-B10/2/03	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170838	FRBMM-B13/2/03	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170839	FRBMM-B16/2/03	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170840	FRBMM-B20/2/03	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170844	FRBMM-B10/2/03-A	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170845	FRBMM-B13/2/03-A	Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-170846	FRBMM-B16/2/03-A	Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-170847	FRBMM-B20/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170853	FRBMM-C6/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170854	FRBMM-C10/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170855	FRBMM-C13/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170856	FRBMM-C16/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170857	FRBMM-C20/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-170863	FRBMM-C6/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
Y7-170864	FRBMM-C10/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170865	FRBMM-C13/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170866	FRBMM-C16/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170867	FRBMM-C20/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170872	FRBMM-B10/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170873	FRBMM-B13/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170874	FRBMM-B16/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170875	FRBMM-B20/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170879	FRBMM-B10/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170880	FRBMM-B13/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170881	FRBMM-B16/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-170882	FRBMM-B20/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-171788	FRBMM-C6/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-171789	FRBMM-C10/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-171790	FRBMM-C13/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-171791	FRBMM-C16/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-171792	FRBMM-C20/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177863	FRBM6-C6/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177864	FRBM6-C10/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177865	FRBM6-C13/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177866	FRBM6-C16/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177867	FRBM6-C20/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177874	FRBM6-B10/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177875	FRBM6-B13/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177876	FRBM6-B16/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177877	FRBM6-B20/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177879	FRBM6-C6/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177880	FRBM6-C10/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177881	FRBM6-C13/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177882	FRBM6-C16/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177883	FRBM6-C20/2/003	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-177885	FRBM6-B10/2/03	Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-177886	FRBM6-B13/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-177887	FRBM6-B16/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-177888	FRBM6-B20/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-177889	FRBM6-C6/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-177891	FRBM6-C10/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-177892	FRBM6-C13/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-177893	FRBM6-C16/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
Y7-177894	FRBM6-C20/2/03	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177896	FRBM6-B10/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177897	FRBM6-B13/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177898	FRBM6-B16/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177899	FRBM6-B20/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177901	FRBM6-C6/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177902	FRBM6-C10/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177903	FRBM6-C13/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177904	FRBM6-C16/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177905	FRBM6-C20/2/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177907	FRBM6-B10/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177908	FRBM6-B13/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177909	FRBM6-B16/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177910	FRBM6-B20/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177912	FRBM6-C6/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177913	FRBM6-C10/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177914	FRBM6-C13/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177915	FRBM6-C16/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177916	FRBM6-C20/2/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177918	FRBM6-B10/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177919	FRBM6-B13/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177920	FRBM6-B16/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-177921	FRBM6-B20/2/03-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-193774		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
	NmRBM-16/2/B/003-A	Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193778	NmRBM-16/2/C/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193779	NmRBM-10/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193780	NmRBM-13/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193781	NmRBM-16/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193782	NmRBM-20/2/B/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193783	NmRBM-10/2/C/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193784	NmRBM-13/2/C/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
		Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-193785	NmRBM-16/2/C/01-A	Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-193786	NmRBM-20/2/C/01-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-193817	NmRBM-6/2/C/003-A	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-193838	NmRBM-15/2/B/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-193839	NmRBM-20/2/B/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-193840	NmRBM-15/2/C/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-193841	NmRBM-20/2/C/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
Y7-300211	NmRBM-10/2/C/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
Y7-300213	NmRBM-10/2/B/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-300214	NmRBM-13/2/B/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-300229	NmRBM-13/2/C/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302358	FRBMM-B15/2/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302359	FRBMM-B15/2/003-A-120-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302360	FRBMM-C15/2/003-A-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302362	FRBMM-C15/2/003-A-120-OL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302363	FRBMM-B15/2/003-A-OL-BL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302364	FRBMM-B15/2/003-A-120-OL-BL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302365	FRBMM-C15/2/003-A-OL-BL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302366	FRBMM-C15/2/003-A-120-OL-BL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302367	FRBMM-B10/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302368	FRBMM-B13/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302369	FRBMM-B16/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302370	FRBMM-B20/2/003-A-120	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61	
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75	
Y7-302373	FRBMM-C10/2/003-A-BL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80	
		Distribution	0.93													
		Installation	1.00													

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-302374	FRBmM-B10/2/003-A-BL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-501079	FRBMM-C6/2/003-A-BL	Manufacturing	0.81	0.97	0.78	0.59	0.91	0.90	0.89	1.65	0.90	0.99	0.64	0.88	0.80
		Distribution	0.93												
		Installation	1.00												
		End Of Life	0.39	1.12	0.78	0.39	0.88	0.84	0.96	0.39	0.98	0.39	0.75	0.90	0.61
		Module-D	0.72	1.06	0.69	1.00	0.93	0.92	0.97	1.34	0.98	1.00	0.73	0.86	0.75
Y7-111585	PKP42-25/2/B/003	All Phase	1.00												
Y7-111586	PKP42-32/2/B/003	All Phase	1.00												
Y7-111587	PKP42-40/2/B/003	All Phase	1.00												
Y7-111593	PKP62-25/2/B/003	All Phase	1.00												
Y7-111594	PKP62-32/2/B/003	All Phase	1.00												
Y7-111595	PKP62-40/2/B/003	All Phase	1.00												
Y7-111611	PKP42-25/2/C/003	All Phase	1.00												
Y7-111612	PKP42-32/2/C/003	All Phase	1.00												
Y7-111613	PKP42-40/2/C/003	All Phase	1.00												
Y7-111619	PKP62-25/2/C/003	All Phase	1.00												
Y7-111620	PKP62-32/2/C/003	All Phase	1.00												

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-111621	PKP62-40/2/C/003	All Phase							1.00						
Y7-113889	PKP62-25/2/B/003-A	All Phase							1.00						
Y7-113940	PKP62-32/2/B/003-A	All Phase							1.00						
Y7-113941	PKP62-40/2/B/003-A	All Phase							1.00						
Y7-113942	PKP62-25/2/C/003-A	All Phase							1.00						
Y7-113943	PKP62-32/2/C/003-A	All Phase							1.00						
Y7-113944	PKP62-40/2/C/003-A	All Phase							1.00						
Y7-113945	PKP62-25/2/B/01-A	All Phase							1.00						
Y7-113946	PKP62-32/2/B/01-A	All Phase							1.00						
Y7-113947	PKP62-40/2/B/01-A	All Phase							1.00						
Y7-113948	PKP62-25/2/C/01-A	All Phase							1.00						
Y7-113949	PKP62-32/2/C/01-A	All Phase							1.00						
Y7-113950	PKP62-40/2/C/01-A	All Phase							1.00						
Y7-170726	FRBMM-C25/2/003	All Phase							1.00						
Y7-170727	FRBM6-C32/2/003	All Phase							1.00						
Y7-170730	FRBMM-C25/2/03-A	All Phase							1.00						

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-170731	FRBM6-C32/2/03-A	All Phase							1.00						
Y7-170732	FRBM6-C40/2/03-A	All Phase							1.00						
Y7-170790	FRBMM-C25/2/003-A	All Phase							1.00						
Y7-170791	FRBM6-C32/2/003-A	All Phase							1.00						
Y7-170792	FRBM6-C40/2/003-A	All Phase							1.00						
Y7-170807	FRBMM-B25/2/01-A	All Phase							1.00						
Y7-170808	FRBM6-B32/2/01-A	All Phase							1.00						
Y7-170809	FRBM6-B40/2/01-A	All Phase							1.00						
Y7-170824	FRBMM-C25/2/01-A	All Phase							1.00						
Y7-170825	FRBM6-C32/2/01-A	All Phase							1.00						
Y7-170826	FRBM6-C40/2/01-A	All Phase							1.00						
Y7-170841	FRBMM-B25/2/03	All Phase							1.00						
Y7-170842	FRBM6-B32/2/03	All Phase							1.00						
Y7-170843	FRBM6-B40/2/03	All Phase							1.00						
Y7-170848	FRBMM-B25/2/03-A	All Phase							1.00						
Y7-170849	FRBM6-B32/2/03-A	All Phase							1.00						

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-170850	FRBM6-B40/2/03-A	All Phase							1.00						
Y7-170858	FRBMM-C25/2/03	All Phase							1.00						
Y7-170859	FRBM6-C32/2/03	All Phase							1.00						
Y7-170860	FRBM6-C40/2/03	All Phase							1.00						
Y7-170876	FRBMM-B25/2/003	All Phase							1.00						
Y7-170877	FRBM6-B32/2/003	All Phase							1.00						
Y7-170878	FRBM6-B40/2/003	All Phase							1.00						
Y7-170883	FRBMM-B25/2/003-A	All Phase							1.00						
Y7-170884	FRBM6-B32/2/003-A	All Phase							1.00						
Y7-170885	FRBM6-B40/2/003-A	All Phase							1.00						
Y7-171793	FRBMM-C25/2/003-A-120	All Phase							1.00						
Y7-177862	FRBM6-B25/2/03-A	All Phase							1.00						
Y7-177868	FRBM6-C25/2/03-A	All Phase							1.00						
Y7-177878	FRBM6-B25/2/003	All Phase							1.00						
Y7-177884	FRBM6-C25/2/003	All Phase							1.00						
Y7-177889	FRBM6-B25/2/03	All Phase							1.00						

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-177895	FRBM6-C25/2/03	All Phase							1.00						
Y7-177900	FRBM6-B25/2/003-A	All Phase							1.00						
Y7-177906	FRBM6-C25/2/003-A	All Phase							1.00						
Y7-177911	FRBM6-B25/2/01-A	All Phase							1.00						
Y7-177917	FRBM6-C25/2/01-A	All Phase							1.00						
Y7-193818	NmRB6-25/2/B/003-A	All Phase							1.00						
Y7-193819	NmRB6-32/2/B/003-A	All Phase							1.00						
Y7-193820	NmRB6-40/2/B/003-A	All Phase							1.00						
Y7-193821	NmRB6-25/2/C/003-A	All Phase							1.00						
Y7-193822	NmRB6-32/2/C/003-A	All Phase							1.00						
Y7-193823	NmRB6-40/2/C/003-A	All Phase							1.00						
Y7-193824	NmRB6-25/2/B/01-A	All Phase							1.00						
Y7-193825	NmRB6-32/2/B/01-A	All Phase							1.00						
Y7-193826	NmRB6-40/2/B/01-A	All Phase							1.00						
Y7-193827	NmRB6-25/2/C/01-A	All Phase							1.00						
Y7-193828	NmRB6-32/2/C/01-A	All Phase							1.00						

Part Number	Product Description	Phases	ADP-e (kg SB eq.)	ADP-f (MJ)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	GWP (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	POCP (kg NMVOC eq.)	WDP (m ³ eq.)
Y7-193829	NmRB6-40/2/C/01-A	All Phase							1.00						
Y7-302371	FRBMM-B25/2/003-A-120	All Phase							1.00						

Multiplying Factors for Use Phase:

Part Number	Product Description	Use Phase Extrapolation Factor (Only B6)
Y7-170728	FRBM6-C40/2/003 (Reference)	1.00
Y7-108105	PKPM2-10/2/B/003-A	0.64
Y7-108106	PKPM2-13/2/B/003-A	0.60
Y7-108107	PKPM2-16/2/B/003-A	0.75
Y7-108108	PKPM2-20/2/B/003-A	0.88
Y7-108109	PKPM2-10/2/C/003-A	0.64
Y7-108110	PKPM2-13/2/C/003-A	0.60
Y7-108111	PKPM2-16/2/C/003-A	0.75
Y7-108112	PKPM2-20/2/C/003-A	0.88
Y7-108113	PKPM2-10/2/B/01-A	0.64
Y7-108114	PKPM2-13/2/B/01-A	0.60
Y7-108115	PKPM2-16/2/B/01-A	0.75
Y7-108116	PKPM2-20/2/B/01-A	0.88
Y7-108117	PKPM2-10/2/C/01-A	0.64
Y7-108118	PKPM2-13/2/C/01-A	0.60
Y7-108119	PKPM2-16/2/C/01-A	0.75
Y7-108120	PKPM2-20/2/C/01-A	0.88
Y7-111581	PKP42-10/2/B/003	0.64
Y7-111582	PKP42-13/2/B/003	0.60
Y7-111583	PKP42-16/2/B/003	0.75
Y7-111584	PKP42-20/2/B/003	0.88
Y7-111589	PKP62-10/2/B/003	0.64
Y7-111590	PKP62-13/2/B/003	0.60
Y7-111591	PKP62-16/2/B/003	0.75
Y7-111592	PKP62-20/2/B/003	0.88
Y7-111597	PKPM2-10/2/B/003	0.64
Y7-111598	PKPM2-13/2/B/003	0.60
Y7-111599	PKPM2-16/2/B/003	0.75
Y7-111600	PKPM2-20/2/B/003	0.88

Part Number	Product Description	Use Phase Extrapolation Factor (Only B6)
Y7-111602	PKPM2-10/2/B/03	0.64
Y7-111603	PKPM2-13/2/B/03	0.60
Y7-111604	PKPM2-16/2/B/03	0.75
Y7-111605	PKPM2-20/2/B/03	0.88
Y7-111606	PKP42-6/2/C/003	0.33
Y7-111607	PKP42-10/2/C/003	0.64
Y7-111608	PKP42-13/2/C/003	0.60
Y7-111609	PKP42-16/2/C/003	0.75
Y7-111610	PKP42-20/2/C/003	0.88
Y7-111614	PKP62-6/2/C/003	0.33
Y7-111615	PKP62-10/2/C/003	0.64
Y7-111616	PKP62-13/2/C/003	0.60
Y7-111617	PKP62-16/2/C/003	0.75
Y7-111618	PKP62-20/2/C/003	0.88
Y7-111622	PKPM2-6/2/C/003	0.33
Y7-111623	PKPM2-10/2/C/003	0.64
Y7-111624	PKPM2-13/2/C/003	0.60
Y7-111625	PKPM2-16/2/C/003	0.75
Y7-111626	PKPM2-20/2/C/003	0.88
Y7-111627	PKPM2-6/2/C/03	0.33
Y7-111628	PKPM2-10/2/C/03	0.64
Y7-111629	PKPM2-13/2/C/03	0.60
Y7-111630	PKPM2-16/2/C/03	0.75
Y7-111631	PKPM2-20/2/C/03	0.88
Y7-111634	PKPM2-10/2/B/03-A	0.64
Y7-111635	PKPM2-13/2/B/03-A	0.60
Y7-111636	PKPM2-16/2/B/03-A	0.75
Y7-111637	PKPM2-20/2/B/03-A	0.88
Y7-111638	PKPM2-6/2/C/003-A	0.33
Y7-111639	PKPM2-6/2/C/03-A	0.33
Y7-111640	PKPM2-10/2/C/03-A	0.64
Y7-111641	PKPM2-13/2/C/03-A	0.60
Y7-111642	PKPM2-16/2/C/03-A	0.75
Y7-111643	PKPM2-20/2/C/03-A	0.88
Y7-144691	PKPM2-15/2/B/003-A-OL	0.78
Y7-144692	PKPM2-15/2/C/003-A-OL	0.78
Y7-148562	PKPM2-20/2/B/003-A-OL	0.88
Y7-148563	PKPM2-20/2/C/003-A-OL	0.88
Y7-170113	PKPM2-6/2/D/01-A	0.60
Y7-170721	FRBMM-C6/2/003	0.33
Y7-170722	FRBMM-C10/2/003	0.64

Part Number	Product Description	Use Phase Extrapolation Factor (Only B6)
Y7-170723	FRBMM-C13/2/003	0.60
Y7-170724	FRBMM-C16/2/003	0.75
Y7-170725	FRBMM-C20/2/003	0.88
Y7-170785	FRBMM-C6/2/003-A	0.33
Y7-170786	FRBMM-C10/2/003-A	0.64
Y7-170787	FRBMM-C13/2/003-A	0.60
Y7-170788	FRBMM-C16/2/003-A	0.75
Y7-170789	FRBMM-C20/2/003-A	0.88
Y7-170803	FRBMM-B10/2/01-A	0.64
Y7-170804	FRBMM-B13/2/01-A	0.60
Y7-170805	FRBMM-B16/2/01-A	0.75
Y7-170806	FRBMM-B20/2/01-A	0.88
Y7-170819	FRBMM-C6/2/01-A	0.33
Y7-170820	FRBMM-C10/2/01-A	0.64
Y7-170821	FRBMM-C13/2/01-A	0.60
Y7-170822	FRBMM-C16/2/01-A	0.75
Y7-170823	FRBMM-C20/2/01-A	0.88
Y7-170837	FRBMM-B10/2/03	0.64
Y7-170838	FRBMM-B13/2/03	0.60
Y7-170839	FRBMM-B16/2/03	0.75
Y7-170840	FRBMM-B20/2/03	0.88
Y7-170844	FRBMM-B10/2/03-A	0.64
Y7-170845	FRBMM-B13/2/03-A	0.60
Y7-170846	FRBMM-B16/2/03-A	0.75
Y7-170847	FRBMM-B20/2/03-A	0.88
Y7-170853	FRBMM-C6/2/03	0.33
Y7-170854	FRBMM-C10/2/03	0.64
Y7-170855	FRBMM-C13/2/03	0.60
Y7-170856	FRBMM-C16/2/03	0.75
Y7-170857	FRBMM-C20/2/03	0.88
Y7-170863	FRBMM-C6/2/03-A	0.33
Y7-170864	FRBMM-C10/2/03-A	0.64
Y7-170865	FRBMM-C13/2/03-A	0.60
Y7-170866	FRBMM-C16/2/03-A	0.75
Y7-170867	FRBMM-C20/2/03-A	0.88
Y7-170872	FRBMM-B10/2/003	0.64
Y7-170873	FRBMM-B13/2/003	0.60
Y7-170874	FRBMM-B16/2/003	0.75
Y7-170875	FRBMM-B20/2/003	0.88
Y7-170879	FRBMM-B10/2/003-A	0.64
Y7-170880	FRBMM-B13/2/003-A	0.60

Part Number	Product Description	Use Phase Extrapolation Factor (Only B6)
Y7-170881	FRBMM-B16/2/003-A	0.75
Y7-170882	FRBMM-B20/2/003-A	0.88
Y7-171788	FRBMM-C6/2/003-A-120	0.33
Y7-171789	FRBMM-C10/2/003-A-120	0.64
Y7-171790	FRBMM-C13/2/003-A-120	0.60
Y7-171791	FRBMM-C16/2/003-A-120	0.75
Y7-171792	FRBMM-C20/2/003-A-120	0.88
Y7-177863	FRBM6-C6/2/03-A	0.33
Y7-177864	FRBM6-C10/2/03-A	0.64
Y7-177865	FRBM6-C13/2/03-A	0.60
Y7-177866	FRBM6-C16/2/03-A	0.75
Y7-177867	FRBM6-C20/2/03-A	0.88
Y7-177874	FRBM6-B10/2/003	0.64
Y7-177875	FRBM6-B13/2/003	0.60
Y7-177876	FRBM6-B16/2/003	0.75
Y7-177877	FRBM6-B20/2/003	0.88
Y7-177879	FRBM6-C6/2/003	0.33
Y7-177880	FRBM6-C10/2/003	0.64
Y7-177881	FRBM6-C13/2/003	0.60
Y7-177882	FRBM6-C16/2/003	0.75
Y7-177883	FRBM6-C20/2/003	0.88
Y7-177885	FRBM6-B10/2/03	0.64
Y7-177886	FRBM6-B13/2/03	0.60
Y7-177887	FRBM6-B16/2/03	0.75
Y7-177888	FRBM6-B20/2/03	0.88
Y7-177890	FRBM6-C6/2/03	0.33
Y7-177891	FRBM6-C10/2/03	0.64
Y7-177892	FRBM6-C13/2/03	0.60
Y7-177893	FRBM6-C16/2/03	0.75
Y7-177894	FRBM6-C20/2/03	0.88
Y7-177896	FRBM6-B10/2/003-A	0.64
Y7-177897	FRBM6-B13/2/003-A	0.60
Y7-177898	FRBM6-B16/2/003-A	0.75
Y7-177899	FRBM6-B20/2/003-A	0.88
Y7-177901	FRBM6-C6/2/003-A	0.33
Y7-177902	FRBM6-C10/2/003-A	0.64
Y7-177903	FRBM6-C13/2/003-A	0.60
Y7-177904	FRBM6-C16/2/003-A	0.75
Y7-177905	FRBM6-C20/2/003-A	0.88
Y7-177907	FRBM6-B10/2/01-A	0.64
Y7-177908	FRBM6-B13/2/01-A	0.60


Part Number	Product Description	Use Phase Extrapolation Factor (Only B6)
Y7-177909	FRBM6-B16/2/01-A	0.75
Y7-177910	FRBM6-B20/2/01-A	0.88
Y7-177912	FRBM6-C6/2/01-A	0.33
Y7-177913	FRBM6-C10/2/01-A	0.64
Y7-177914	FRBM6-C13/2/01-A	0.60
Y7-177915	FRBM6-C16/2/01-A	0.75
Y7-177916	FRBM6-C20/2/01-A	0.88
Y7-177918	FRBM6-B10/2/03-A	0.64
Y7-177919	FRBM6-B13/2/03-A	0.60
Y7-177920	FRBM6-B16/2/03-A	0.75
Y7-177921	FRBM6-B20/2/03-A	0.88
Y7-193774	NmRBM-16/2/B/003-A	0.75
Y7-193778	NmRBM-16/2/C/003-A	0.75
Y7-193779	NmRBM-10/2/B/01-A	0.64
Y7-193780	NmRBM-13/2/B/01-A	0.60
Y7-193781	NmRBM-16/2/B/01-A	0.75
Y7-193782	NmRBM-20/2/B/01-A	0.88
Y7-193783	NmRBM-10/2/C/01-A	0.64
Y7-193784	NmRBM-13/2/C/01-A	0.60
Y7-193785	NmRBM-16/2/C/01-A	0.75
Y7-193786	NmRBM-20/2/C/01-A	0.88
Y7-193817	NmRBM-6/2/C/003-A	0.33
Y7-193838	NmRBM-15/2/B/003-A-OL	0.85
Y7-193839	NmRBM-20/2/B/003-A-OL	1.04
Y7-193840	NmRBM-15/2/C/003-A-OL	0.85
Y7-193841	NmRBM-20/2/C/003-A-OL	1.04
Y7-300211	NmRBM-10/2/C/003-A-OL	0.61
Y7-300213	NmRBM-10/2/B/003-A-OL	0.61
Y7-300214	NmRBM-13/2/B/003-A-OL	0.78
Y7-300229	NmRBM-13/2/C/003-A-OL	0.78
Y7-302358	FRBMM-B15/2/003-A-OL	0.85
Y7-302359	FRBMM-B15/2/003-A-120-OL	0.85
Y7-302360	FRBMM-C15/2/003-A-OL	0.85
Y7-302362	FRBMM-C15/2/003-A-120-OL	0.85
Y7-302363	FRBMM-B15/2/003-A-OL-BL	0.85
Y7-302364	FRBMM-B15/2/003-A-120-OL-BL	0.85
Y7-302365	FRBMM-C15/2/003-A-OL-BL	0.85
Y7-302366	FRBMM-C15/2/003-A-120-OL-BL	0.85
Y7-302367	FRBMM-B10/2/003-A-120	0.61
Y7-302368	FRBMM-B13/2/003-A-120	0.78
Y7-302369	FRBMM-B16/2/003-A-120	0.85

Part Number	Product Description	Use Phase Extrapolation Factor (Only B6)
Y7-302370	FRBMM-B20/2/003-A-120	1.04
Y7-302373	FRBmM-C10/2/003-A-BL	0.61
Y7-302374	FRBmM-B10/2/003-A-BL	0.61
Y7-501079	FRBMM-C6/2/003-A-BL	0.33
Y7-111585	PKP42-25/2/B/003	0.69
Y7-111586	PKP42-32/2/B/003	0.82
Y7-111587	PKP42-40/2/B/003	1.00
Y7-111593	PKP62-25/2/B/003	0.69
Y7-111594	PKP62-32/2/B/003	0.82
Y7-111595	PKP62-40/2/B/003	1.00
Y7-111611	PKP42-25/2/C/003	0.69
Y7-111612	PKP42-32/2/C/003	0.82
Y7-111613	PKP42-40/2/C/003	1.00
Y7-111619	PKP62-25/2/C/003	0.69
Y7-111620	PKP62-32/2/C/003	0.82
Y7-111621	PKP62-40/2/C/003	1.00
Y7-113889	PKP62-25/2/B/003-A	0.69
Y7-113940	PKP62-32/2/B/003-A	0.82
Y7-113941	PKP62-40/2/B/003-A	1.00
Y7-113942	PKP62-25/2/C/003-A	0.69
Y7-113943	PKP62-32/2/C/003-A	0.82
Y7-113944	PKP62-40/2/C/003-A	1.00
Y7-113945	PKP62-25/2/B/01-A	0.69
Y7-113946	PKP62-32/2/B/01-A	0.82
Y7-113947	PKP62-40/2/B/01-A	1.00
Y7-113948	PKP62-25/2/C/01-A	0.69
Y7-113949	PKP62-32/2/C/01-A	0.82
Y7-113950	PKP62-40/2/C/01-A	1.00
Y7-170726	FRBMM-C25/2/003	0.69
Y7-170727	FRBM6-C32/2/003	0.82
Y7-170730	FRBMM-C25/2/03-A	0.69
Y7-170731	FRBM6-C32/2/03-A	0.82
Y7-170732	FRBM6-C40/2/03-A	1.00
Y7-170790	FRBMM-C25/2/003-A	0.69
Y7-170791	FRBM6-C32/2/003-A	0.82
Y7-170792	FRBM6-C40/2/003-A	1.00
Y7-170807	FRBMM-B25/2/01-A	0.69
Y7-170808	FRBM6-B32/2/01-A	0.82
Y7-170809	FRBM6-B40/2/01-A	1.00
Y7-170824	FRBMM-C25/2/01-A	0.69
Y7-170825	FRBM6-C32/2/01-A	0.82

Part Number	Product Description	Use Phase Extrapolation Factor (Only B6)
Y7-170826	FRBM6-C40/2/01-A	1.00
Y7-170841	FRBMM-B25/2/03	0.69
Y7-170842	FRBM6-B32/2/03	0.82
Y7-170843	FRBM6-B40/2/03	1.00
Y7-170848	FRBMM-B25/2/03-A	0.69
Y7-170849	FRBM6-B32/2/03-A	0.82
Y7-170850	FRBM6-B40/2/03-A	1.00
Y7-170858	FRBMM-C25/2/03	0.69
Y7-170859	FRBM6-C32/2/03	0.82
Y7-170860	FRBM6-C40/2/03	1.00
Y7-170876	FRBMM-B25/2/003	0.69
Y7-170877	FRBM6-B32/2/003	0.82
Y7-170878	FRBM6-B40/2/003	1.00
Y7-170883	FRBMM-B25/2/003-A	0.69
Y7-170884	FRBM6-B32/2/003-A	0.82
Y7-170885	FRBM6-B40/2/003-A	1.00
Y7-171793	FRBMM-C25/2/003-A-120	0.69
Y7-177862	FRBM6-B25/2/03-A	0.69
Y7-177868	FRBM6-C25/2/03-A	0.69
Y7-177878	FRBM6-B25/2/003	0.69
Y7-177884	FRBM6-C25/2/003	0.69
Y7-177889	FRBM6-B25/2/03	0.69
Y7-177895	FRBM6-C25/2/03	0.69
Y7-177900	FRBM6-B25/2/003-A	0.69
Y7-177906	FRBM6-C25/2/003-A	0.69
Y7-177911	FRBM6-B25/2/01-A	0.69
Y7-177917	FRBM6-C25/2/01-A	0.69
Y7-193818	NmRB6-25/2/B/003-A	0.69
Y7-193819	NmRB6-32/2/B/003-A	0.82
Y7-193820	NmRB6-40/2/B/003-A	1.00
Y7-193821	NmRB6-25/2/C/003-A	0.69
Y7-193822	NmRB6-32/2/C/003-A	0.82
Y7-193823	NmRB6-40/2/C/003-A	1.00
Y7-193824	NmRB6-25/2/B/01-A	0.69
Y7-193825	NmRB6-32/2/B/01-A	0.82
Y7-193826	NmRB6-40/2/B/01-A	1.00
Y7-193827	NmRB6-25/2/C/01-A	0.69
Y7-193828	NmRB6-32/2/C/01-A	0.82
Y7-193829	NmRB6-40/2/C/01-A	1.00
Y7-302371	FRBMM-B25/2/003-A-120	0.84

For part numbers intended for commercial as well, the Use Phase (B6) impacts of Industrial application of specific part number should be multiplied by 0.09 to calculate impacts for commercial application of that specific part number. The impact for other phases remains the same for all applications.

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<i>Registration Number</i>	EATO-00171-V01.01-EN	<i>Drafting rules</i>	PCR-ed4-EN-2021 09 06
<i>Verifier accreditation Number</i>	VH54	Supplemented by	PSR-0005-ed3.1-EN-2023 08 12
<i>Date of issue</i>	06-2024	<i>Information and reference documents</i>	www.pep-ecopassport.org
		<i>Validity period</i>	5 years
Independent verification of the declaration and data, in compliance with ISO 14025: 2006			
Internal	X	External	
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)			
<i>PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019</i>			
<i>The components of the present PEP may not be compared with components from any other program.</i>			
<i>Document complies with ISO 14025: 2006 « Environmental labels and declarations. Type III environmental declarations »</i>			