

This appendix refers to the EPD MD-23175-EN, developed according to EN15804+A2:2019. Results in the appendix communicates LCA results in the format described in EN15804+A1:2013, in order to accommodate a need in the transition period between the two standard revisions. The appendix cannot stand alone, as the reference EPD describes the basis of the assessment.

ENVIRONMENTAL IMPACTS PER Declared unit: 1L							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	1,10E+00	0,00E+00	8,61E-03	5,49E-01	0,00E+00	-2,82E-01
ODP	[kg CFC11-eq.]	8,06E-08	0,00E+00	1,28E-15	2,54E-13	0,00E+00	-1,36E-12
AP	[kg SO ₂ -eq.]	4,08E-03	0,00E+00	2,91E-05	9,73E-05	0,00E+00	-1,58E-04
EP	[kg PO ₄ ³⁻ -eq.]	2,05E-03	0,00E+00	3,94E-06	2,36E-05	0,00E+00	-3,32E-05
POCP	[kg ethene-eq.]	7,36E-04	0,00E+00	2,98E-07	7,89E-06	0,00E+00	-1,98E-05
ADPE	[kg Sb-eq.]	6,96E-06	0,00E+00	5,33E-10	2,69E-09	0,00E+00	-1,93E-08
ADPF	[MJ]	2,00E+01	0,00E+00	1,16E-01	3,26E-01	0,00E+00	-4,41E+00
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

RESOURCE USE PER Declared unit: 1L							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
PERE	[MJ]	2,34E+00	0,00E+00	7,94E-03	1,76E-01	0,00E+00	-1,62E+00
PERM	[MJ]	8,22E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,42E+00	0,00E+00	7,94E-03	1,76E-01	0,00E+00	-1,62E+00
PENRE	[MJ]	2,12E+01	0,00E+00	1,18E-01	3,61E-01	0,00E+00	-4,60E+00
PENRM	[MJ]	8,94E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,21E+01	0,00E+00	1,18E-01	3,61E-01	0,00E+00	-4,60E+00
SM	[kg]	3,47E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	1,13E-02	0,00E+00	8,71E-06	2,50E-03	0,00E+00	-4,70E-04
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Use of net fresh water						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

WASTE CATEGORIES AND OUTPUT FLOWS PER Declared unit: 1L							
Parameter	Unit	A1-A3	C1	C2	C3	C4	D
HWD	[kg]	1,34E-06	0,00E+00	3,67E-13	-3,99E-11	0,00E+00	2,89E-10
NHWD	[kg]	3,09E-02	0,00E+00	1,75E-05	6,91E-02	0,00E+00	-3,08E-03
RWD	[kg]	2,05E-04	0,00E+00	2,15E-07	1,14E-05	0,00E+00	-6,47E-05
CRU	[kg]	5,60E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	2,16E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,80E-01
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,84E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy						
	The numbers are declared in scientific notation, fx 1,95E+02. This number can also be written as: 1,95*10 ² or 195, while 1,12E-11 is the same as 1,12*10 ⁻¹¹ or 0,0000000000112.						

Checked and approved by



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