

2021-2022 Miljøvaredeklaration for typisk råvare fra Gantech lager



Varmvalset stål (S235, S355 etc.)					
TABLE 2A. POTENTIAL ENVIRONMENTAL IMPACT PER 1,000 KG					
Parameter	Unit	A1-A3	C3	C4	D
Global warming potential (GWP)	kg CO2 equiv	2,71E+03	2,49E+00	7,44E+01	-1,48E+03
Eutrophication potential (EP)	kg (PO4)3- equiv.	6,30E-01	4,22E-03	5,00E-04	-2,71E+01
Acidification potential (AP)	kg SO2 equiv.	6,25E+00	1,76E-02	4,42E-03	-2,93E+00
Photo-oxidant formation potential (POCP)	kg ethene equiv.	6,51E-01	1,95E-03	3,42E-04	-6,86E-01
Ozone Layer Depletion Potential (ODP)	kg CFC11 equiv	1,18E-09	8,13E-15	4,32E-15	8,29E+06
Abiotic depletion potential: fossil (ADP-fossil)	MJ, net calorific value	2,66E+04	4,83E+01	1,04E+01	-1,44E+04
Abiotic depletion potential: elements(ADP-elements)	kg Sb equiv	2,11E-02	2,80E-06	7,41E-08	-4,56E-03
TABLE 2B. USE OF RESOURCES PER 1,000 KG					
Parameter	Unit	A1-A3	C3	C4	D
Renewable primary energy					
Used as energy carrier	MJ, net calorific value	1,85E+03	3,56E+00	1,37E+00	9,56E+02
Used as raw materials	MJ, net calorific value	0	0	0	0
Total	MJ, net calorific value	1,85E+03	3,56E+00	1,37E+00	9,56E+02
Non-renewable primary energy					
Used as energy carrier	MJ, net calorific value	2,80E+04	5,01E+01	1,08E+01	-1,39E+04
Used as raw materials	MJ, net calorific value	0	0	0	0
Total	MJ, net calorific value	2,80E+04	5,01E+01	1,08E+01	-1,39E+04
Secondary material	Kg.	26	n/a	n/a	n/a
Renewable secondary fuels	MJ, net calorific value	1,35E-17	0	0	0
Non-renewable secondary fuels	MJ, net calorific value	1,58E-16	0	0	0
Net use of fresh water	M3	3,18E+00	1,49E-02	2,72E-03	1,99E+02
TABLE 2C. WASTE PRODUCTION PER 1,000 KG					
Parameter	Unit	A1-A3	C3	C4	D
Waste, hazardous	Kg	6,08E-01	1,57E-06	1,84E-07	-9,72E-04
Waste, non-hazardous	Kg	8,23E+01	1,02E-02	5,01E+01	1,60E+02
Waste, radioactive	Kg	5,53E+01	0	0	0

Koldvalset rustfrit stål (AISI 304, AISI 316 etc.)					
TABLE 2A. POTENTIAL ENVIRONMENTAL IMPACT PER 1,000 KG					
Parameter	Unit	A1-A3	C3	C4	D
Global warming potential (GWP)	kg CO2 equiv	3,39E+03	2,48E+00	n/a	-1,53E+03
Eutrophication potential (EP)	kg (PO4)3- equiv.	1,16E+00	1,19E-03	n/a	-5,22E-01
Acidification potential (AP)	kg SO2 equiv.	1,66E+01	9,61E-03	n/a	-9,44E+00
Photo-oxidant formation potential (POCP)	kg ethene equiv.	1,11E+00	6,99E-04	n/a	-5,64E-01
Ozone Layer Depletion Potential (ODP)	kg CFC11 equiv	4,87E-09	7,00E-12	n/a	-1,16E+03
Abiotic depletion potential: fossil (ADP-fossil)	MJ, net calorific value	5,03E+04	2,87E+01	n/a	-1,80E+04
Abiotic depletion potential: elements(ADP-elements)	kg Sb equiv	1,89E-01	1,14E-06	n/a	-8,23E-02
TABLE 2B. USE OF RESOURCES PER 1,000 KG					
Parameter	Unit	A1-A3	C3	C4	D
Renewable primary energy					
Used as energy carrier	MJ, net calorific value	8,79E+03	1,20E+01	n/a	-2,87E+03
Used as raw materials	MJ, net calorific value		0,00E+00	n/a	0,00E+00
Total	MJ, net calorific value	8,79E+03	1,20E+01	n/a	-2,87E+03
Non-renewable primary energy					
Used as energy carrier	MJ, net calorific value	5,59E+00	4,07E+01	n/a	-1,83E+04
Used as raw materials	MJ, net calorific value	0	0	n/a	0
Total	MJ, net calorific value	5,59E+00	4,07E+01	n/a	-1,83E+04
Secondary material	Kg.	6,52E+02	n/a	n/a	n/a
Renewable secondary fuels	MJ, net calorific value	0	0	n/a	0
Non-renewable secondary fuels	MJ, net calorific value	0	0	n/a	0
Net use of fresh water	M3	3,82E+01	1,65E-02	n/a	-2,10E+01
TABLE 2C. WASTE PRODUCTION PER 1,000 KG					
Parameter	Unit	A1-A3	C3	C4	D
Waste, hazardous	Kg	4,86E-02	3,28E-07		-1,89E-01
Waste, non-hazardous	Kg	3,41E+02	5,01E+01		1,99E+01
Waste, radioactive	Kg	2,31E+00	4,80E-03	0	-1,54E-01