

## Environmental data HIL(E)

Part(s)	Material	Weight	Recyclable
top plate / pump foot / impellers / diffusers / sleeve	stainless steel AISI 304	20%	100%
seal bush / pump shaft	stainless steel AISI 303	1,5%	100%
bearings	ceramic, aluminium oxide	1.0%	
shaft protection bushes	tungsten carbide	0.5%	
base plate	cast iron GG 22	12.5%	100%
motor lantern / counter flanges	cast iron GG 25	13%	100%
filling plug / draining plug	brass	0.5%	100%
elastomers	EPDM	0.1%	100%
coupling	galvanised steal	2%	100%
mechanical seal	carbon-ceramic / carbon-silicon carbide	0.5%	
tie-rods	stainless steel AISI 431	2.0%	100%
motor stator / motor housing	aluminium	17%	100%
motor windings	copper	5%	100%
motor rotor	aluminium	15%	100%
motor shaft	stainless steel	8%	100%
Painting	2-component painting on acrylate basis	0.5%	

The mentioned weight percentages are average percentages and depend on the different pumptypes. The motor related materials are valid up to frame size 112.