

ABSx

ABSx is a high-quality, environmentally friendly ABS that is produced in Europe from recovered industrial waste. We take great care to produce consistent, high-quality content that you will enjoy.

Our ABSx has low warping and low odor characteristics to enhance your printing experience even in printers without an enclosure. This qualifies our material for printing technical components utilizing the most widely used FDM technology.

Material properties

Properties	FDM H	Injection		method
Tensile strength	38	37	MPa	ISO 527
Elongation at break	11	48	%	ISO 527
Flexural strength		58	MPa	ISO 178
Flexural modulus		1840	MPa	ISO 178
Izod Impact strength notched	4	3.5	kJ/m ²	ISO 180
Izod Impact strength unnotched	26	33	kJ/m ²	ISO 180
HDT A		86	°C	ISO 75

Print settings

Print temperature	260°C ± 10
Bed temp	100°C ± 10
Printing surface	textured PEI sheet
Fan speed	max 15%

CO₂ equivalent

Producing our recycled material needs 60% less CO₂ equivalent compared to virgin material.

Disclaimer

Although accurate, the data provided is not binding and do not constitute a formal warranty. It is supplied as a guide for customers regarding the correct use of the product.