

Product Texts

Printing direction	XY
Printing speed	33 mm/s
Infill	100%-rectilinear
Infill angle	45°/-45°
Nozzle temperature	210°C
Bed temperature	85°C

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	43.5	g/10min	ISO 1133
Temperature	200	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Shore A hardness	90	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Glass transition temperature, 10°C/min	-33	°C	ISO 11357-1/-2

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ISO 1183

3D Data	Value	Unit	Test Standard
Other Standards^[S]			
Tensile modulus, flat	55.2	MPa	ISO 37
Tensile strength, flat	27.7	MPa	ISO 37
Stress at break, flat	27.4	MPa	ISO 37
Strain at break, flat	300	%	ISO 37
Flexural modulus, flat	45.6	MPa	ISO 178
Charpy notched impact strength, +23°C, flat	N	kJ/m ²	ISO 179/1eA

S: These properties are reported by the producer according standards that are different to our defaults.

Characteristics**Processing**

Additive Manufacturing

Delivery form

Monofilament

Certifications

Recycled Resin Content

Regional Availability

Europe