

Product Texts

Printing direction	XY
Printing speed	50 mm/s
Infill	100%-rectilinear
Infill angle	45°/-45°
Extrusion temperature	225°C
Bed temperature	60°C

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12.1	g/10min	ISO 1133
Temperature	225	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Shore D hardness	72.5	-	ISO 7619-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Glass transition temperature, 10°C/min	80	°C	ISO 11357-1/-2

Other properties

	Value	Unit	Test Standard
Density	1270	kg/m ³	ISO 1183

3D Data

	Value	Unit	Test Standard
Other Standards^[S]			
Tensile modulus, flat	1830	MPa	ISO 527
Tensile strength, flat	46.6	MPa	ISO 527
Stress at break, flat	11.1	MPa	ISO 527
Strain at break, flat	24.3	%	ISO 527
Flexural modulus, flat	1640	MPa	ISO 178
Charpy notched impact strength, +23°C, flat	4	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

Features

Good Adhesion

Certifications

Food contact, Food approval 10/2011

Regional Availability

Europe