

Product Texts

Printing direction	XY
Printing speed	25-50 mm/s
Infill	100%-rectilinear
Infill angle	45°/-45°
Extrusion temperature	260°C
Bed temperature	85-95°C

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4.75	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Shore D hardness	70	-	ISO 7619-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Glass transition temperature, 10°C/min	107	°C	ISO 11357-1/-2

Other properties

	Value	Unit	Test Standard
Density	1030	kg/m ³	ISO 1183

3D Data

	Value	Unit	Test Standard
Other Standards^[S]			
Tensile modulus, flat	1480	MPa	ISO 527
Tensile strength, flat	35.3	MPa	ISO 527
Stress at break, flat	22.8	MPa	ISO 527
Strain at break, flat	9.8	%	ISO 527
Flexural modulus, flat	1440	MPa	ISO 178
Charpy notched impact strength, +23°C, flat	24.7	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

Special Characteristics

High impact or impact modified

Regional Availability

Europe