

Product Texts

Printing direction	XY
Printing speed	20-40 mm/s
Infill	100%-rectilinear
Infill angle	45°/-45°
Chamber temperature	80°C
Extrusion temperature	370-380°C
Bed temperature	150°C

Thermal properties	Value	Unit	Test Standard
ISO Data			
Glass transition temperature, 10°C/min	160	°C	ISO 11357-1/-2
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	84	kV/mm	IEC 60243-1
ASTM Data			
Surface Resistivity	1E16	Ohm	ASTM D 257

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	2900	MPa	ISO 527
Tensile strength, flat	39.1	MPa	ISO 527
Flexural modulus, flat	2920	MPa	ISO 178
Flexural strength, flat	85.9	MPa	ISO 178

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

Flame retardant, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Regional Availability

Europe