

Product Texts

Printing direction	XY
Printing speed	44 mm/s
Infill	100%-rectilinear
Infill angle	45°/-45°
Extrusion temperature	260°C
Bed temperature	60°C

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	23	g/10min	ISO 1133
Temperature	210	°C	-
Load	2.16	kg	-

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Shore A hardness	91	-	ISO 7619-1

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	160	°C	ISO 11357-1/-3

Electrical properties

	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E9	Ohm	ASTM D 257

Other properties

	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

3D Data

	Value	Unit	Test Standard
Other Standards^[S]			
Tensile modulus, flat	46	MPa	ISO 37
Tensile strength, flat	13.1	MPa	ISO 37
Stress at break, flat	12.8	MPa	ISO 37
Strain at break, flat	400	%	ISO 37
Flexural modulus, flat	54	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

Special Characteristics

Increased electrical conductivity

Chemical Resistance

General Chemical Resistance

Applications

Electrical and Electronical

Regional Availability

Europe