

**Product Texts****Printed Specimen Conditions**

Printer: Open Source FDM/FFF

Nozzle: 0,4 mm

Layer Height: 0,25 mm

Infill: 100%, +/- 45°

Extrusion Temp: 275-295°C

Bed Temp: 110-120°C

Specimen Orientation: XY Flat

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Glass transition temperature, 10°C/min	147	°C	ISO 11357-1/-2
Temp. of deflection under load, 0.45 MPa	135	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Surface Resistivity	1E13	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ISO 1183

3D Data	Value	Unit	Test Standard
Tensile modulus, flat	2410 <sup>(1)</sup>	MPa	-
Stress at break, flat	62 <sup>(1)</sup>	MPa	-
Strain at break, flat	7 <sup>(1)</sup>	%	-
Flexural modulus, flat	2200 <sup>(1)</sup>	MPa	-
Flexural strength, flat	78 <sup>(1)</sup>	MPa	-

1: 45°-45°

**Characteristics****Processing**

Additive Manufacturing

**Regional Availability**

North America, South and Central America

**Delivery form**

Monofilament, Black