

TRADE NAME: Fiberlogy PCTG+GF10

MANUFACTURER: Fiberlab S.A., Brzezcie 387, 32-014 Brzezcie, Poland

DESCRIPTION: PCTG+GF10 filament designed for printing in FFF/FDM technology, wound on a spool, vacuum-packed in a plastic bag, placed in a cardboard box.

TECHNICAL INFORMATION:

Diameter: 1.75 mm
Diameter Tolerance: +/- 0.02 mm
Avg Roundness: + 0.01 mm
Net Weight: 0.75 kg
Print Temperature: 250°C - 270°C
Bed Temperature: 90°C - 110°C



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ASTM D792	g/cm ³	1.31
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	55
Tensile Strength @ Break	ISO 527	MPa	25
Tensile Modulus	ISO 527	MPa	3400
Elongation @ Break	ISO 527	%	8
Izod Impact Strength (Unnotched) @ 23°C	ISO 180	kJ/m ²	60
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	76
Heat Distortion Temperature @ 1.8 MPa	ISO 75	°C	64

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Last update: May 27, 2025