

**TRADE NAME:** Fiberlogy PCTG+CF10

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

**DESCRIPTION:** PCTG+CF10 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 <sup>3</sup>	1.28
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	70
Tensile Strength @ Break	ISO 527	MPa	65
Elongation @ Break	ISO 527	%	5
Izod Impact Strength (Unnotched) @ 23°C	ISO 180	kJ/m <sup>2</sup>	45
Izod Impact Strength (Notched) @ 23°C	ISO 180	kJ/m <sup>2</sup>	4
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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