

Brand:	Fiberlogy
Name:	Fiberlogy PA12+CF5
Manufacturer:	Fiberlab S.A., Brzezcie 387, 32-014 Brzezcie, Poland
Description:	PA12+CF5 filament designed for printing in FFF/FDM technology, available in one color, wound on a spool, vacuum-packed in plastic, placed in a cardboard box.

Technical information

Diameter:	1,75 mm
Diameter Tolerance:	+/- 0,02 mm
Avg Roundness:	+ 0,02 mm
Net Weight:	0,50 kg
Print Temperature:	255°C - 270°C
Bed Temperature:	80°C - 100°C

Material Properties

Mechanical Properties	Test Method	Unit	Typical Value
Tensile modulus	ISO 527	MPa	3500
Tensile strength at break	ISO 527	MPa	60
Charpy - Impact strenght (Unnotched)	ISO 179/1eU (23°C)	kJ/M2	60 +- 8
Density	ISO 483	g/cc	1.05
Thermal Properties			
Melting Temperature	ISO 3146	°C	178
Temperature of Deflection under Load	ISO 75-1/2	°C	170
Flammability	UL 94	Class	HB

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