

Brand:	Fiberlogy
Name:	Fiberlogy PET-G
Manufacturer:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
Description:	PET-G filament designed for printing in FFF/FDM technology, available in different colors, 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:	+ 0,01 mm
Net Weight:	0,85 kg
Print Temperature:	230°C - 250°C
Bed Temperature:	90°C

Material Properties

Mechanical Properties	Test Method	Unit	Typical Value
Intrinsic Viscosity	ISO 1628-5	cm ³ /10 min	16
Color b*	ASTM D6290		≤ 1
L*			≥ 64
Glass Transition Temperature	ASTM D3418	°C	85
Bulk Density	ISO 527	g/cm ³	0.73
Specific Density	ISO 527	g/cm ³	>1.27
Moisture	ISO 527	%	≤ 0.3
Particle size	ISO 527	mg/20 chips	350 ± 50
Pellet Shape	ISO 527		Cylindrical
Food Approval			YES

Recommended print settings

Settings		Unit	Value
Printing temperature		°C	230 - 250
Bed temperature²		°C	90

²If using plates or other means to increase the adhesion, the heating of the bed is not required.

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