

TRADE NAME: Fiberlogy PET-G V0

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

DESCRIPTION: PET-G V0 filament designed for printing in FFF/FDM technology, available in different colors, 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: 0.85 kg
 Print Temperature: 220°C - 250°C
 Bed Temperature: 90°C



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm ³	1.26
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	40
Tensile Strength @ Break	ISO 527	MPa	25
Tensile Modulus	ISO 527	MPa	2350
Elongation @ Yield	ISO 527	%	3.3
Elongation @ Break	ISO 527	%	40
Charpy Impact Strength (Unnotched) @ 23°C	ISO 179	kJ/m ²	NB
Charpy Impact Strength (Notched) @ 23°C	ISO 179	kJ/m ²	3
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	63
Heat Distortion Temperature @ 1.8 MPa	ISO 75	°C	58
Vicat Softening Temperature	ISO 306	°C	70
Flammability (3.00 mm thickness, injection molding sample)	UL 94	-	V0

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