

**TRADE NAME:** Fiberlogy EASY PET-G

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

**DESCRIPTION:** EASY PET-G filament designed for printing in FFF/FDM technology, available in different colors, wound on a spool or as a refill, 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	ASTM D792	g/cm <sup>3</sup>	1.29
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	51
Tensile Modulus	ISO 527	MPa	2800
Elongation @ Yield	ISO 527	%	4
Elongation @ Break	ISO 527	%	29
Flexular Strength	ISO 178	MPa	70
Flexular Modulus	ISO 178	MPa	2000
Izod Impact Strength (Notched) @ 23°C	ISO 180	kJ/m <sup>2</sup>	5
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	68
Heat Distortion Temperature @ 1.8 MPa	ISO 75	°C	62
Vicat Softening Temperature	ISO 306	°C	78
Glass Transition Temperature Tg	ASTM D3418	°C	80

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