fiberlogy

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^3	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^2	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

Last update: May 26, 2025