

BRAND:	Fiberlogy
NAME:	<b>Fiberlogy EASY PET-G</b>
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, 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
Glass Transition Temperature	ASTM D3418	°C	80
Specific Density	ASTM D792	g/cm <sup>3</sup>	1.29
Shore Hardness	ASTM D2240		76
Tensile Yield Stress	ISO 527-2	MPa	51
Elongation at Yield	ISO 527-2	%	4
Tensile Strength	ISO 527-2	MPa	51
Elongation at Strength	ISO 527-2	%	4
Stress at Break	ISO 527-2	MPa	20
Nominal Elongation at Break	ISO 527-2	%	29
Tensile Modulus	ISO 527-2	MPa	2980
Flexural Modulus	ISO 172	MPa	2040
Flexural Strength	ISO 172	MPa	68
Deflection at Flexural Strength	ISO 172	mm	8.6
Heat Deflection Temperature (0,45 MPa)	ISO 75-2	°C	68
Vicat Softening Temperature	ISO 306	°C	78
Food Approval <sup>1</sup>			yes

<sup>1</sup> It is responsibility of the manufacturer of the finished food-contact article to determine that use of a product is safe, lawful and technically suitable for the intended application. While the above referenced product is permitted by the listing of its components on the Plastics Directive (Commission Directive 2002/72/EC), the finished food-contact article must meet any applicable limitations and specifications described in the legislation.

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