

TRADE NAME:	Fiberlogy PP
MANUFACTURER:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
DESCRIPTION:	PP 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:	0.75 kg
Print Temperature:	220°C - 250°C
Bed Temperature:	Not required when using a packing tape



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm³	1.05
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength	ISO 527	MPa	14
Tensile Modulus	ISO 527	MPa	700
Elongation @ Break	ISO 527	%	>100
Charpy Impact Strength (Notched) @ 23°C	ISO 179	kJ/m²	30
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 1.8 MPa	ISO 75	°C	51
Vicat Softening Temperature	ISO 306 A 120	°C	110
Vicat Softening Temperature	ISO 306 B 120	°C	49
Glass Transition Temperature Tg	ISO 11357	°C	-31

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