

Brand:	Fiberlogy
Name:	Fiberlogy Nylon PA12
Manufacturer:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
Description:	Nylon filament designed for printing in FFF/FDM technology, available in two 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:	255°C - 270°C
Bed Temperature:	~100°C

Material Properties

Mechanical Properties	Test Method	Unit	Typical Value
Tensile modulus	ISO 527	MPa	1400
Tensile strength at break	ISO 527	MPa	51
Flexural modulus	ISO 178	MPa	1200
Density	ISO 483	g/cc	1.02
Rheological Properties	Test Method	Unit	Typical Value
MVI (235 °C / 5 kg)	ISO 11 357	Cm ³ /10min	180
Thermal Properties	Test Method	Unit	Typical Value
Melting point	ISO 1133	°C	180

Recommended print settings

Settings		Unit	Value
Printing temperature		°C	255 - 270
Bed temperature ¹		°C	~100

¹If using plates or other means to increase the adhesion, the heating of the bed is not required.

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