

Brand:	Fiberlogy
Name:	<b>Fiberlogy PA12+CF15</b>
Manufacturer:	Fiberlab S.A., Brzezcie 387, 32-014 Brzezcie, Poland
Description:	PA12+CF15 filament designed for printing in FFF/FDM technology, available in one color, 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:	+ 0,02 mm
Net Weight:	0,50 kg
Print Temperature:	255°C - 270°C
Bed Temperature:	80°C - 100°C

### Material Properties

Mechanical Properties	Test Method	Unit	Typical Value
<b>Tensile modulus</b>	<b>ISO 527</b>	<b>MPa</b>	<b>8000</b>
<b>Tensile strength at break</b>	<b>ISO 527</b>	<b>MPa</b>	<b>125</b>
<b>Charpy - Impact strenght (Unnotched)</b>	<b>ISO 179/1eU (23°C)</b>	<b>kJ/M2</b>	<b>75 +/- 15</b>
<b>Density</b>	<b>ISO 483</b>	<b>g/cc</b>	<b>1.07</b>
Thermal Properties			
<b>Melting Temperature</b>	<b>ISO 3146</b>	<b>°C</b>	<b>178</b>
<b>Temperature of Deflection under Load</b>	<b>ISO 75-1/2</b>	<b>°C</b>	<b>170</b>
<b>Flammability</b>	<b>UL 94</b>	<b>Class</b>	<b>HB</b>

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