

**Technical information:**

Marka:	
Nazwa produktu:	Fiberlogy
Producent:	<b>Fiberlogy ABS PLUS</b>
Opis:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland  Filament ABS PLUS designed for printed in FFF/FDM technology, available in different colors, wound on a spool, vacuum packed in a plastic, placed in a cardboard box.
Diameter:	1.75 mm
Diameter Tolerance:	+/- 0.02 mm
Avg. Roundness:	+/- 0.01 mm
Filament net weight:	0.85 kg
Print Temperature:	250°C - 270°C
Bed Temperature:	90°C - 110°C

**Material properties:**

Mechanical properties	Test Method	Unit	Typical Value
<b>Mass density (at 23°C)</b>	<b>D792</b>	<b>g/cm<sup>3</sup></b>	<b>1.1</b>
<b>Heat Distortion Temperature<sup>1</sup></b>	<b>D648</b>	<b>°C</b>	<b>100</b>
<b>Heat Distortion Temperature<sup>2</sup></b>	<b>D648</b>	<b>°C</b>	<b>90</b>
<b>Vicat Softening Temperature<sup>3</sup></b>	<b>D1525</b>	<b>°C</b>	<b>107</b>
<b>Tensile Strenght (Yield)<sup>4</sup></b>	<b>D638</b>	<b>kg/cm<sup>2</sup></b>	<b>385</b>
<b>Tensile Elogation<sup>4</sup></b>	<b>D638</b>	<b>%</b>	<b>30</b>
<b>Flexural Strenght<sup>5</sup></b>	<b>D790</b>	<b>kg/cm<sup>2</sup></b>	<b>620</b>
<b>Flexural Modulus<sup>5</sup></b>	<b>D790</b>	<b>10<sup>4</sup>kg/cm<sup>2</sup></b>	<b>2.2</b>

<sup>1</sup> Test condition 1.8MPa Annealed

<sup>2</sup> Test condition 1.8MPa Unannealed

<sup>3</sup> Test condition 1Kg, 50°C/hr

<sup>4</sup>Test condition 6 mm/min

<sup>5</sup>Test condition 2.8 mm/min

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