

Manufacturer:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
Description:	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
Mass density (at 23°C)	D792	g/cm <sup>3</sup>	1.1
Heat Distortion Temperature <sup>1</sup>	D648	°C	100
Heat Distortion Temperature <sup>2</sup>	D648	°C	90
Vicat Softening Temperature <sup>3</sup>	D1525	°C	107
Tensile Strenght (Yield) <sup>4</sup>	D638	kg/cm <sup>2</sup>	385
Tensile Elogation <sup>4</sup>	D638	%	30
Flexural Strenght <sup>5</sup>	D790	kg/cm <sup>2</sup>	620
Flexural Modulus <sup>5</sup>	D790	10 <sup>4</sup> kg/cm <sup>2</sup>	2.2

<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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