

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 ³	1.1
Heat Distortion Temperature ¹	D648	°C	100
Heat Distortion Temperature ²	D648	°C	90
Vicat Softening Temperature ³	D1525	°C	107
Tensile Strenght (Yield) ⁴	D638	kg/cm ²	385
Tensile Elogation ⁴	D638	%	30
Flexural Strenght ⁵	D790	kg/cm ²	620
Flexural Modulus ⁵	D790	10 ⁴ kg/cm ²	2.2

¹ Test condition 1.8MPa Annealed

² Test condition 1.8MPa Unannealed

³ Test condition 1Kg, 50°C/hr

⁴Test condition 6 mm/min

⁵Test condition 2.8 mm/min

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