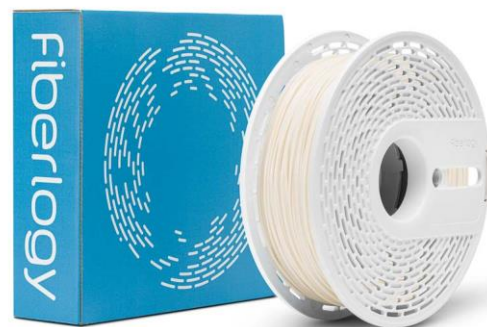


TRADE NAME:	<b>Fiberlogy PC/ABS</b>
MANUFACTURER:	Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland
DESCRIPTION:	<b>PC/ABS</b> filament designed for printing in FFF/FDM technology, available in different colors, wound on a spool, vacuum-packed in a plastic bag, placed in a cardboard box.

### TECHNICAL INFORMATION:

Diameter:	1.75 mm
Diameter Tolerance:	+/- 0.02 mm
Avg Roundness:	+ 0.01 mm
Net Weight:	0.75 kg
Print Temperature:	230°C - 250°C
Bed Temperature:	80°C - 100°C



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm <sup>3</sup>	1.07
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	42
Tensile Modulus	ISO 527	MPa	2000
Elongation @ Break	ISO 527	%	7
Flexural Strength	ISO 178	MPa	68
Flexural Modulus	ISO 178	MPa	2000
Izod Impact Strength (Notched) @ 23°C	ISO 180	kJ/m <sup>2</sup>	55
Izod Impact Strength (Notched) @ -30°C	ISO 180	kJ/m <sup>2</sup>	41
Charpy notched impact strength @ 23°C	ISO 179	kJ/m <sup>2</sup>	53
Thermal Properties	Test Method	Unit	Typical Value
Vicat Softening Temperature, B50, 50°C/h	ISO 306	°C	113
Vicat Softening Temperature, B120, 120°C/h	ISO 306	°C	115

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Last update: August 20, 2023