

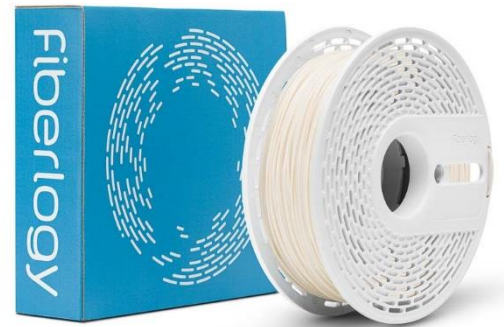
TRADE NAME: Fiberlogy PC/ABS

MANUFACTURER: Fiberlab S.A., Brzezie 387, 32-014 Brzezie, Poland

DESCRIPTION: PC/ABS 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: 260°C - 280°C
Bed Temperature: 80°C - 100°C



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm ³	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 ²	55
Izod Impact Strength (Notched) @ -30°C	ISO 180	kJ/m ²	41
Charpy notched impact strength @ 23°C	ISO 179	kJ/m ²	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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