

TRADE NAME: Fiberlogy HS PLA CLEAR

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

DESCRIPTION: HS PLA CLEAR filament designed for printing in FFF/FDM technology, 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: 0.85 kg
Print Temperature: 220°C - 250°C
Bed Temperature: 60°C



Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm ³	1.24
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength	ISO 527	MPa	50
Tensile Modulus	ISO 527	MPa	3500
Elongation @ Break	ISO 527	%	<5
Charpy Impact Strength (Notched) @ 23°C	ISO 179	kJ/m ²	<5
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	60
Glass transition temperature	DSC	°C	60

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