

**TRADE NAME:** Fiberlogy HS PLA CLEAR

**MANUFACTURER:** Fiberlab S.A., Brzezie 387, 32-014 Brzezie, 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 <sup>3</sup>	1,24
Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Break	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 <sup>2</sup>	<5
Thermal Properties	Test Method	Unit	Typical Value
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	60

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