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TECHNICAL DATA SHEET
FIBERLOGY FIBERWOOD

TRADE NAME: Fiberlogy FiberWood

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

DESCRIPTION: FiberWood 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 or 2.85 mm
Diameter Tolerance:	+/- 0.02 mm
Avg Roundness:	+ 0.01 mm
Print Temperature:	180°C - 200°C
Bed Temperature:	50°C - 70°C

Physical Properties	Test Method	Unit	Typical Value
Specific Density	ISO 1183	g/cm^3	1.30
Mechanical Properties	**Test Method**	**Unit**	**Typical Value**
Tensile Strength @ Yield	ISO 527	MPa	27
Tensile Strength @ Break	ISO 527	MPa	26
Tensile Modulus	ISO 527	MPa	3600
Elongation @ Yield	ISO 527	%	0.9
Elongation @ Break	ISO 527	%	0.9
Charpy Impact Strength (Unnotched) @ 23°C	ISO 179	kJ/m^2	14
Thermal Properties	**Test Method**	**Unit**	**Typical Value**
Heat Distortion Temperature @ 0.45 MPa	ISO 75	°C	50
Vicat Softening Temperature	ISO 306	°C	65

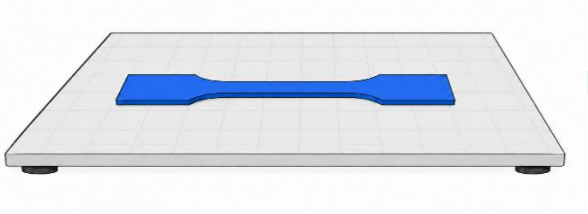
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3D printed

Mechanical Properties	Test Method	Unit	Typical Value
Tensile Strength @ Yield	ISO 527	MPa	
Tensile Strength @ Break	ISO 527	MPa	
Tensile Modulus	ISO 527	MPa	
Elongation @ Yield	ISO 527	%	
Elongation @ Break	ISO 527	%	
Flexular Strength	ISO 178	MPa	
Flexular Modulus	ISO 178	MPa	
Izod Impact Strength (Notched) @ 23°C	ISO 180	kJ/m^2	

Sample Printing Specifications

Printer: BambuLab X1
Nozzle: 0.4 mm
Nozzle Temperature: 195°C
Bed Temperature: 55 °C
Leyer height: 0.2 mm
Perimeters: 2
Infill: 100% (Rectilinear)



Last update: October 6, 2026

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