

BRAND: Fiberlogy

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 plastic, placed in a cardboard box.

TECHNICAL INFORMATION:

Diameter Tolerance: +/- 0,02 mm

Avg Roundness: + 0,01 mm

Print Temperature: 190°C - 210°C

Bed Temperature: 50°C - 70°C (Heating is not required when using the plates that increase adhesion), for printing on glass it's recommended to use additives for improving adhesion).

MATERIAL PROPERTIES:

Mechanical Properties	Test Method	Unit	Typical Value
Melt Flow Index¹	ISO 1133	cm³/10 min	16
Mass density (at 23°C)	D792	g/cm³	1.4
HDT / B	ISO 75	°C	48
Tensile Modulus	ISO 527	MPa	3500
Tensile stress at yield	ISO 527	%	3
Tensile stress at yield	ISO 527	MPa	43
Tensile stress at break	ISO 527	%	22
Tensile stress at break	ISO 527	MPa	29

¹ Test condition 190°C 2.16 kg

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