

Technical data sheet FIBROLON 3D WOOD

Filament: [Fibrolon wood](#).

Brand name: [filalab](#) www.filalab.lt

Usage: [3D filament for FDM 3D printers](#).

Manufacturer: [UAB filalab, Vilnius, Lithuania](#).

Printing recommendations:

Bed temperature: [60°C ± 10°C](#)

Extruder temperature: [200°C ± 10°C](#)

Diameter tolerance: [1.75 mm ± 0.03 mm](#)



Material Properties

Physical properties:

Physical properties	Value	Method
Melt flow rate (190 °C/2.16 kg)	2.5- 4.5 [g/10 min]	ISO 1133
Melting temperature	>155 °C	ISO 3146-C
Density	n/a	ISO 1183

Mechanical properties:

Physical properties	Value	Method
Modulus of elasticity	2,900 MPa	ISO 527
Tensile strength	47 MPa	ISO 527
Tensile stress at break	38 MPa	ISO 527
Flexural modulus	2,950 [MPa]	ISO 178
Impact Strength (Charpy), RT	21 [kJ/m ²]	ISO 179-1/1 eU

Note:

These results should be regarded as guide values only. Values depend on print settings, print atmosphere conditions.

3D printed “dog bone” mechanical properties will be added soon.