



3D Printing Filament

TECHNICAL DATA SHEET WOOD MACHINES-3D

Commercial name: **Wood Machines-3D**

Raw material: Wood loaded modified PLA – Polylactid Acid

Designation: 3D printing applications

Material specifications

Property	Value	Test Method - ASTM
Density	1,25 g/cm ³	D1505
Melting point	130 – 155°C	D3418
Flextural Strength	68 MPa	D790
Tensile Strength	37 MPa	D638
Degradation Temperature	250°C	/

Filament specifications

Property	Value and Tolerances
Diameter 1.75mm	1.75 ± 0.05 mm
Diameter 2.85mm	2.85 ± 0.05 mm
Roundness deviation	max 3%
Suggested print temperature (guideline)	200°C
Suggested print speed	Up to 250 mm/s
Suggested bed temperature	30-50°C (not necessary)