

WOOD

WOOD is a modified PLA based type of filament, that smells and feels like wood. The different wood-types enable us to manufacture this wide range of natural wood colours.

Features:

- Feels and smells like wood
- Easy to print at low temperature
- Very low warping
- Biodegradable
- Easily printable with $\geq 0,6$ mm nozzle

Colours:

Check the website for available colours.

Filaments specifications		
Size	Ø tolerance	Roundness
1.75mm	± 0.05 mm	$\geq 95\%$

Material properties		
Description	Testmethod	Typical value
Specific gravity	ASTM D1505	1,2 g/cc
MFI	-	5,0 gr/10 min
Tensile strength	ASTM D882	70MPa (MD), 100 Mpa (TD)
Strain at break	ASTM D882	170% (MD) 110% (TD)
E-Modulus	ASTM D882	1900 Mpa (MD) 2300 Mpa (TD)
Impact strength	-	7 kJ/m ²
Printing temperature	ddd drop	200 - 235 °C
Melting temperature	ASTM D3418	140 -150 °C
Vicat softening temperature	ISO 306	45 °C

Additional info:

Storage: Cool and dry (15-25 °C) and away from UV light. This enhances the shelf life significantly.