

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.