

Wood

Smells like wood, looks like wood, feels like wood

Description

Filamentive Wood is a PLA-based composite 3D printer filament. 40% of the formula is made from recycled wood fibres, providing a realistic wood colour, finish and even smell. Some wood filaments can be difficult to print, so our goal was to offer a wood filament that is easy to work with and we have succeeded – many of our customers praise this filament for “printing like butter”. You can even postprocess your wood 3D prints – such as sanding, varnishing and coating – to make eye-catching, decorative wood objects.

		Test Method	Typical Value
<i>Physical Properties</i>	Density	ISO 1183	1.15 g/cm ³
	Melt Flow Rate (210 °C, 2.16kg)	ISO 1133	2.5-5.0 g/10min
	Melting Temperature	ISO 3146-C	>155 °C

		Test Method	Typical Value
<i>Mechanical Properties</i>	Modulus of elasticity	ISO 527	2900 MPa
	Tensile Strength	ISO 527	47 MPa
	Tensile Strain at Tensile Strength	ISO 527	5%
	Tensile Stress at Break	ISO 527	38 MPa
	Tensile Strain at Break	ISO 527	6.5%
	Charpy Notched Impact Strength (RT)	ISO 179-1/1eA	4.4 kJ/m ²
	Charpy Impact Strength (RT)	ISO 179-1/1eU	21 kJ/m ²

Disclaimer

The information provided in this datasheet is correct to the best of Filamentive Limited’s knowledge and is intended for reference purposes only. The user assumes all responsibility for the use of all information and shall verify quality / properties as required for their specific use case. Filamentive Limited shall not be made liable for any damage, injury or loss induced from the use of materials in any application.