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 post-process your wood 3D prints – such as sanding, varnishing and coating – to make eye-catching, decorative wood objects.

		Test Method	Typical Value
Physical Properties	Specific Gravity	ASTM D1505	1.20 g/cc
	Melt Flow Rate	-	5.0 gr/10 min

		Test Method	Typical Value
Mechanical Properties	Impact Strength	-	7 kJ/m^2
	Tensile Strength	ASTM D882	70MPa (MD), 100MPa (TD)
	Strain at Break	ASTM D882	170% (MD), 110% (TD)
	E-Modulus	ASTM D882	1900 MPa (MD), 2300 MPa (TD)

		Test Method	Typical Value
Thermal Properties	Printing Temperature	-	200-235°C
	Melting Temperature	ASTM D3418	140-150°C
	Viscat Softening Temperature	ISO 306	45°C

	Diameter	Tolerance	Roundness
Filament Specifications	1.75mm	± 0.05mm	>95%
	2.85mm	± 0.05mm	>95%

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