

Technical Data Sheet



Product name: EasyWood™

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EasyWood™ looks, feels and smells like real wood. EasyWood™ is a unique mixture of 40% grinded wood particles in combination with the modified and proven easy-to-print binding polymers used for our EasyFil™ PLA filaments. This extraordinary blend has resulted in a high-end and unsurpassed “easy to print” wooden filament.

You can obtain a beautiful wood-nerve structure in your EasyWood™ printed objects by grinding it a little bit with a piece of fine grit sandpaper. By grinding your printed object a bit you will highlight the relief, or rough edges/surfaces, of your printed object with different shades of the respective wood colour.

Properties	Typical value	Test Method	Test condition
Physical			
Specific gravity	1.20 g/cc	ASTM D1505	-
Melt flow rate	4.5 g/10min	-	-
Water absorption	-	-	-
Moisture absorption	-	-	-
Mechanical			
Impact strength	7.1 KJ/m ²	-	-
Tensile strength	71 Mpa (MD)	ASTM D882	-
Tensile modulus	1930 Mpa (MD)	ASTM D882	-
Elongation at break	171% (MD)	ASTM D882	-
Flexural strength	± 59.6 Mpa	-	-
Flexural modulus	± 2583.9 Mpa	-	-
Hardness	-	-	-
Thermal			
Print temperature	± 200 - 240° C	-	-
Melting temperature	± 145 ± 10° C	-	-
Viscat softening temp.	± 46° C	ISO 306	-
Optical			
Haze	-	-	-
Transmittance	-	-	-
Gloss	-	-	-

Product details, certifications and compliance	Diameter	Tolerance	Roundness
HS Code	1.75mm	± 0.05mm	≥ 95%
REACH compliant	2.85mm	± 0.10mm	≥ 95%
RoHS certified			
FDA compliant			

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