TECHNICAL DATA SHEET

EasyWood

FormFutura®
3D PRINTING MATERIALS

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Product specifications

EasyWood is a PLA-based 3D printer filament that is filled with 40% wood particles. EasyWood filament is perfect for 3D printing objects with real wood-like aesthetics, smell and touch.

Important key features	Suitable applications
Very easy to print	Home deco
Warp-free printing and no deformation after cooling	Art
Biodegradable	Sculptures

Recommended pretreatment

Drying	Recommended	**Print with**	
	30 - 40 °C	Enclosure	Yes
	6 h	Dry box	No

Recommended print settings regular speed

Print speed	25 - 50 mm/s
Nozzle temperature	190 - 240 °C
Bed temperature	50 - 60 °C
Fan speed	80 - 100 %

Material properties	Typical value	Unit of Measure	Test method	Test condition
Density	1,15	g/cm3		
Specific gravity				
Melt flow rate	2,5	g/10min	ISO 1133	190°C/2,16kg

Mechanical properties				
Impact strenght	4,4	kJ/m2	ISO 179-1/1eA	Charpy notched 23°C
Tensile strenght at yield	47	MPa	ISO 527	
Tensile strenght at break	38	MPa	ISO 527	
Tensile modulus				
Elongation at yield				
Elongation at break				
Flexural strenght				
Flexural modulus	2900	MPa	ISO 527	
Rockwell hardness				

Thermal properties				
Melting temperature	155	°C	ISO 3146-C	
Heat deflection temperature				
Vicat softening temperature				
Glass transition temperature				

Product export information

HS code	Description	Origin
39169090	Monofilament for 3D printing	European Union

Disclaimer

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