TECHNICAL DATA SHEET

ReForm - rPLA

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Product specifications

ReForm rPLA is a recycled PLA type of 3D printer filament that is made from the post-industrial extrusion waste streams of our EasyFil PLA filaments.

Important key features

Eco-friendly
Consistent quality
Cost-effective

Suitable applications

Home deco
Art
Eco friendly prototyping

Recommended pretreatment

Drying	Not necessary
	30 - 40 °C
	6 h

Print with	
Enclosure	No
Dry box	No

Recommended print settings regular speed

Print speed	25 - 90 mm/s
Nozzle temperature	190 - 215 °C
Bed temperature	40 - 60 °C
Fan speed	80 - 100 %

Material properties	Typical value	Unit of Measure	Test method	Test condition
Density				
Specific gravity	1,24	g/cm3	ASTM D792	
Melt flow rate	7	g/10min		210°C/2,16kg

Mechanical properties			
Impact strenght			
Tensile strenght at yield	50,2	MPa	ISO 527
Tensile strenght at break	53,5	MPa	ISO 527
Tensile modulus	3420	MPa	ISO 527
Elongation at yield	5,5	%	ISO 527
Elongation at break			
Flexural strenght	60,7	MPa	ISO 178
Flexural modulus	3780	MPa	ISO 178
Rockwell hardness			

Thermal properties			
Melting temperature			
Heat deflection temperature			
Vicat softening temperature	55	°C	ISO 306
Glass transition temperature	60	°C	DSC

Product export information

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

Disclaimer

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