

Extrudr MF-PLA - 3d Printing Filament

Description

Extrudr PLA filament is a biopolymer made of 100% renewable resources containing sugar and starch.

Application

The variety of products made with PLA is growing every day. Applications include cutlery, cups, plates, cosmetics, toys and outdoor novelties. This PLA meets the U.S. & EU- Plastics Regulation and therefore can be used for food packaging.

Storage and Shelf Life

Store at around room temperature (18 to 27 °C [65-80 °F]) and protect from direct heat or sunlight. Keep sealed in an air tight container, away from humidity.

Available Sizes

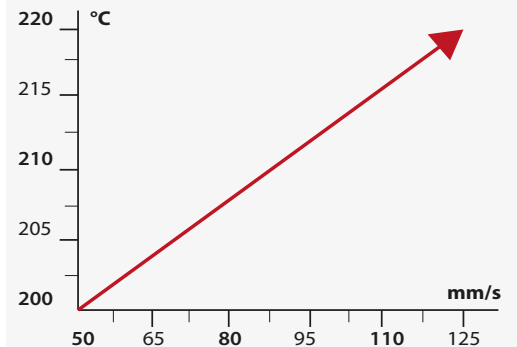
Diameter	Filament length	Weight	Net weight
1.75	~ 2.8 g/m	1350g	1100g
2.85	~ 7.6 g/m	1350g	1100g
1.75	~ 2.8 g/m	2900g	2300g
2.85	~ 7.6 g/m	2900g	2300g

True Colours Available



Properties	Test Method	Unit	Value
Tensile Strength	D638	Mpa	62
Tensile Elongation	D638	%	3.5
Flexural Modulus	D790	MPa	3600
Flexural Strength	D790	MPa	108
Izod Impact Strength	D256	ft-lb/in (J/m)	0.3 (16)
Heat Distortion Temperature	E2092	°C	55
MVR (210°C/ 2,16kg)	D1238	g/10 min	22
Specific Gravity	D792	g/cm ³	1,24

Speed vs. Temperature



TESTED WITH MAKERBOT 2X

Settings

Extrudr:	195 - 220 °C
Print on:	Bluetape
Speed:	up to 120mm/s
Low shrinkage:	less than 0.5 %



Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product.

