

Extrudr PLA NX2 — 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.

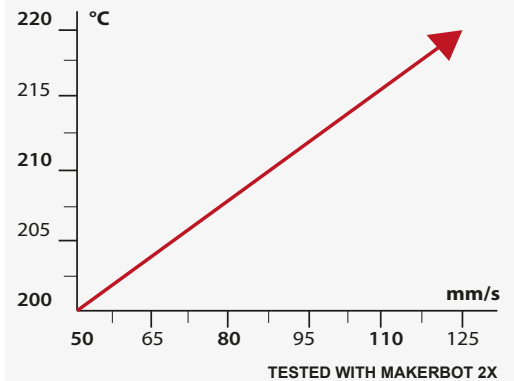
Storage and Shelf Life

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	Specific weight	Weight	Net weight
1,75	1,3 g/cm ³	1 500 g	11 00g
2,85	1,3 g/cm ³	1 500 g	11 00g
1,75	1,3 g/cm ³	3500 g	2500g
2,85	1,3 g/cm ³	3500 g	2500g

Speed vs. Temperature



Settings

Extruder:	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.

Properties	Test Method	Unit	Value
Tensile Strength	ISO 527	Mpa	47
Tensile Elongation	ISO 527	%	4
Flexural Modulus	ISO 527	MPa	2650
Flexural Strength	ISO 178	MPa	no break
3,5% Izod Impact Strength	ISO 178	ft-lb/in (J/m)	64
VICAT A (VST)	ISO 306	°C	60
MFR	ISO 1133	g/10 min	2,5 - 4,5
Melting Temperature	ISO 3146-C	°C	150-170

