

## Extrudr GreenTEC - 3d Printing Filament

### Description

Extrudr GreenTEC is made out of a Biopolymer and stands out for its high temperature resistance and its mechanical properties. It is as biodegradable as wood and has a beautiful finish.

### Application

The special Filament is designed for parts which need high stiffness and temperature resistance.

### Regulations

The granules comply with the compositional requirements of the European Regulation on Plastic Food Contact Materials and with the requirements of LFGB.

### 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	~ 3.5 g/m	1250g	1000g
2.85	~ 8.9 g/m	1250g	1000g
1.75	~ 3.5 g/m	2600g	2000g
2.85	~ 8.9 g/m	2600g	2000g

Properties	Test Method	Unit	Value
Tensile Stress	ISO 527	MPa	44
Tensile Elongation	ISO 527	%	5,3
Flexural Modulus	ISO 527	MPa	2600
Flexural Strength	ISO 527	MPa	24
Izod Impact Strength	ISO 179	kJ/m <sup>2</sup>	217,7
VST A 120	ISO 306	C°	115
MVR (190°C/ 2,16kg)	ISO 1133	cm <sup>3</sup> /10 min	4
shrinkage	-	%	0.54

### Speed vs. Temperature

The printing speed and its related temperature is not only defined by the design of the 3D model, but also by the printer, hotend and nozzle being used.

For questions or further information please contact us.

[support@extrudr.eu](mailto:support@extrudr.eu)

### Settings

Extrudr:	190 - 195°C
Heating bed:	55 °C
Print on:	Bluetape
Speed:	up to 120mm/s



### Technical Support

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

