Extrudr PETG - 3d Printing Filament

Description
Extrudr Polyethylene Terephthalate Glycol (PETG) is 100% recyclable and carries the recycle code of 1.

Application
It is especially designed for a large and general applications scope, where the main requirement is the balance between optical and good mechanical properties.

Regulations
This resin complies with the compositional requirements of the European Regulation on Plastic Food Contact Materials and with the requirements of European Pharmacopeia.

Storage and Shelf Life
Store at around room temperature (18 to 27 ˚C [65–80 ˚F]) and protect from direct heat or sun light. Keep sealed in an air tight container, away from humidity.

Available Sizes

Diameter	Filament length	Weight	Net weigth
1.75	~ 2.7 g/m	1350g	1100g
2.85	~ 7.4 g/m	1350g	1100g
1.75	~ 2.7 g/m	2900g	2300g
2.85	~ 7.4 g/m	2900g	2300g

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 further information please visit us on our homepage.

www.extrudr.eu/

Settings

Extrudr:	190 - 260 ˚C
Heating bed:	80 ˚C
Print on:	Bluetape
Speed:	up to 120mm/s

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

Properties	Test Method	Unit	Value
Tensile Stress	ISO 527-2	MPa	51
Tensile Elongation	ISO 527-2	%	4
Flexural Modulus	ISO 178	MPa	2040
Flexural Strength	ISO 178	MPa	68
Izod Impact Strength	ISO 180	kJ/m^2	4,7
Heat Distortion Temperature	ISO 75-2	˚C	68
Vicat Softening Temperature	ISO 306	˚C	78
Specific Gravity	ISO 1183	g/cm^3	1,29
Glass Transition Temperature	ASTM D 3148	˚C	80

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