

EVO-tech PETG Filament

Description

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.

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.

Regulations

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

Colours Available

Standard colors are: White, Red, Green, Yellow, Black
Contact us for special Color request



Values refer to the raw material and may vary depending on the printing direction or settings

Properties	Test Condition	Test Method	Unit	Value
Tensile Strength	50mm/min	ISO 527-2	MPa	51
Tensile Elongation	50mm/min	ISO 527-2	%	4
Flexural Modulus	15mm/min	ISO178	MPa	2040
Flexural Strength	15mm/min	ISO178	MPa	68
Izod Impact Strength	25°C	ISO180	kJ/m ²	4,7
Heat Distortion Temperature		ISO 75-2	°C	68
Vicat Softening Temperature		ISO306	°C	78
Specific Gravity		ISO1183	g/cm ³	1,29
Glass Transition Temperature		ASTM D 3148	°C	80

Print Settings EVOLizer

Extruder: 190 – 260 °C
Heatbed: 60 - 80 °C
Print on. EVO-tech Printbed

