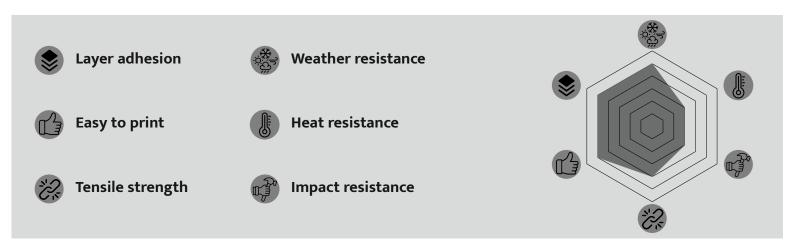
# Material Data Sheet PETG





# **Description**

Polyethylenterephthalat (PET) is a thermoplastic Material which most people know in the form of PET-bottles. PETG is a glycol-modified PET, which is known for transparency and is nearly undestroyable. It is easy to print like PLA and in terms of mechanical properties even a bit better than ABS.

### Identification

Name PETG

Chemical Name Polyethylenterephthalat + Glykol

Usage FDM 3D Printing

Manufacturer Material 4 Print GmbH & Co. KG, Germany

## **Properties**

Test	Value	Method
Specific Gravity	1,27 g/cm <sup>3</sup>	ASTM D792
Elongation at Break	70%	ASTM D638
Tensile Strength	53 MPa	ASTM D638
Flexural Modulus	2150 MPa	ASTM D790
Melting Point	200 - 230 °C	<b>ASTM D3418</b>
Heat Distortion Temperature	70 °C	ASTM D648
Flammability	НВ	UL-94

If you have any further questions about the product or problems in its use, please contact info@material4print.de



# Certificate

Certification depends on colors in the final product. More info in the additional information sheet.

#### **Storage**

Store at room temperature, out of direct heat and sunlight and in a dry place.

#### **Print Settings**

Nozzle Temperature: 225-255 °C Bed Temperature: 60-80 °C

These data were taken from the raw material manufacturer.

REACH