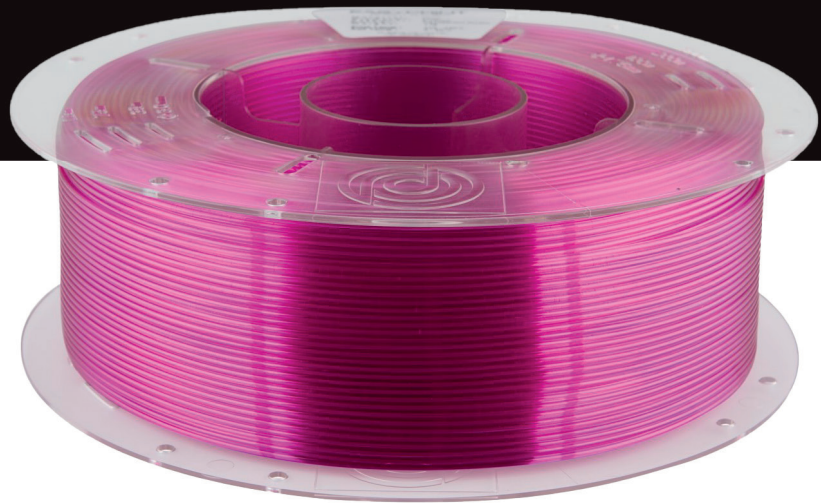


# EASYPRINT™

## PETG



### Why should I use EasyPrint™ PETG?

- High clarity prints
- Very easy to print
- Extremely strong
- Small chance of warping
- FDA approved



\* Please see our website for latest options and colors available.

## EasyPrint™ PETG

EasyPrint™PETG is a new and extremely tough material, it has very high impact strength, good flexibility and practically no shrinkage. EasyPrint™PETG is a hydrophobic (does not absorb water) filament with a high gloss. Prima Creator offers two versions of PETG. Translucent and solid. With the translucent you will have a high gloss and almost completely transparent print depending on your shell count. The solid colors offers a vivid and beautiful surface with a high gloss finish.

Like all filaments from Prima Filaments the PETG is based on the RAL color system which ensures you that you will get the same color on your spool every time you order. EasyPrint™PETG comes in a wide range of beautiful and vivid colors, both as translucent and solid.

### Essential Data

Material	PETG
Diameter	1,75mm - 2,85mm
Tolerance	+/- 0,02mm
Heated build platform required	No, but recommended
Print Temperature	210 - 235°C
Weight Filament	1kg (1000g)
Total lenght on spool	335m +/- 1%
Spool Size	200 x 66mm
Spool Hub Diameter	54mm
Empty spool weight	142g

### Technical Data

Physical	Test method	Value
Density	ASTM D1505	1,27 g/cm <sup>3</sup>
Water Absobation 24 hour immersion	ASTM D570	0,2%
Rockwell hardness	ASTM D785	116 R-scale
Shrinkage	ASTM D955	0,2 - 0,5%

Mechanical		
Tensile strenght @ Yield	ASTM D638	53 MPa
Melting temp.	ASTM D638	26 MPa
Vicat softening temp.	ASTM D638	5,0%
Elongation @ Break	ASTM D638	70%
Flexural Strenght	ASTM D790	80 MPa
Flexural Modulus	ASTM D790	2150 MPa
Izod Impact Strenght (Notched @ 23°C (73°F))	ASTM D256	90J/m

Thermal		
Heat Distortion @ 0,455 MPa	ASTM D1003	74°C
Vicat Softening Temperature	ASTM D1525	83°C

Optical		
Light Transmittance	ASTM D1003	90%