



PrintaMent PET-G

General

PET-G is a strong, high clarity, odor neutral and easy to print filament for 3D printing. These characteristics, together with the high impact strength, excellent flexibility and practically no shrinkage make PET-G an excellent material which combines the advantages of both PLA and ABS. The filament is hydrophobic and therefore does not absorb water. In short, PET-G has many great features and is the perfect addition to any filament assortment.

Features

- High clarity
- Strong & Flexible
- Minimal warping
- Hydrophobic
- Food Contact Acceptable
- Odor neutral printing

Colors

clear - black - snow white - blue - red - lime green - black transparent - silver - basalt grey - flash orange

Recommended print settings

- Printing Temperature: 180-220°C
- Heated Bed: not required with PrintaFix | >65°C
- Enclosure: not required
- Adhesion Agent: PrintaFix
- Part Cooling Fan: 100%
- Nozzle: standard brass (hardened for glow in the dark)
- Print speed: up to 70mm/s
- Layer height: >0.1mm
- Flow Rate: 100%

Additional Information

All PrintaMent Filaments are produced in Europe using modern production standards. Store PrintaMent cool and dry away from UV light to enhance the shelf life.

Technical Data

Dimensions

Size	Tolerances	Roundness
1,75mm	±0,05mm	≥95%
2,85mm	±0,10mm	≥95%

Physical Properties

Description	Typical Value
Specific gravity	1,27g/cc
Flexoral modulus	2150MPa
Tensile strength	50MPa
Elongation at break	120%
Rockwell hardness	105
Moisture Absorbtion	0,13%

Thermal Properties

Description	Typical Value
Printing temp.	195-220°C
Heat Distortion T.	70°C