

# tonerplastics

## PETG 3D Filament Data Sheet

### Polyethylene Terephthalate - Glycol Modified (PETG)

PETG is a durable and strong thermoplastic which combines many desirable features from other plastics into one material. PETG offers similar mechanical properties to that of ABS while maintaining the ease of use of PLA. PETG has low thermal shrinkage in comparison to other materials making it a great choice for objects in which high levels dimensional accuracy is required.

Mechanical Properties	
Intrinsic Viscosity, dL/g	0.80 ± 0.02
Glass Transition Temp, C	80
Specific Density, g/cm <sup>3</sup>	> 1.29
Size Specifications	
Nominal Outer Diameter, mm	1.75/2.88
OD Tolerance, mm	±0.05
Ovality, mm	< 0.05

### Applications

- General purpose 3D printing
- Heavy use prints
- Engineering and industrial prototyping

### Recommended Printer Settings

- Extruder Temperature: 230-250 °C
- Printing Speed: 50-80 mm/s
- Bed Temperature: 80-100 °C
- Bed Adhesion: Hair Spray or Painters Tape

### Additional Information

- Sizes Available: 1.75/2.88mm (Custom Sizes Available)
- Custom packaging methods available upon request
- Spool Weight: 1 kg (2.2 lbs.) (Custom Sizes Available)
- All filaments are sealed with desiccants

### Regulatory Compliance

- RoHS
- REACH
- California Proposition 65

#### Disclaimer:

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