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^3	> 1.29
Size Specifications	
Nominal Outer Diameter, mm	1.75/2.88
OD Tolerance, mm	±0.08
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

- Standard Sizes Available: 1.75/2.88mm
- Custom packaging methods available upon request
- Spool Weight: 1kg., 1lb., 5lb., and 10lb
- All filaments are sealed with desiccants

Regulatory Compliance

- RoHS
- REACH

Disclaimer:

The above information is provided in good faith. It is solely the customer's responsibility to determine if the product and information in this document are appropriate for the customer's end use. Customers are always advised to consult their 3D printer manufacturer before using Toner Plastic's filaments.