

Jabil PETg Preliminary Filament

Technical Data Sheet

Product Description

Jabil Engineered Materials PETg is an easy processing, standard product for printing jobs requiring good strength and stiffness with a good balance of properties in XY and XYZ directions. Applications include housings; jigs, fixtures and tooling; and general printing. This material has a print profile available on Ultimaker Cura Marketplace and produces excellent surface quality parts that can be printed at max speeds with minimal shrinkage.

Advantages

Easy printability, low shrinkage and warpage, good continuous-use temperature and very consistent lot-to-lot print properties with a ISO 9001 Certificate of Analysis with every spool.



Storage and Use

For the latest print profiles, search for Jabil Engineered Materials in the Cura Marketplace.

For complete copies of the Print Settings and the Printing & Drying Guide, visit our [PETg Webpage](#).

Properties

Mechanical Properties

	Test Condition	Typical Value	Method
Tensile Modulus (psi)	XY coupons, Ambient	240	ASTM D638
Tensile Yield Strength (psi)		6500	
Tensile Elongation at Break (%)		24	
Ultimate Tensile Strength (psi)		6500	
Flexural Modulus (ksi)	Ambient	230	ASTM D790-17, Procedure B
Flexural Strength (psi)		1000	

Thermal Properties

	Test Condition	Typical Value	Method
Deflection Temperature (°C)	0.45 Mpa	710	ASTM D648-16, Method B

Other Physical Properties

	Test Condition	Typical Value	Method
Density (g/cm ³)	Ambient	1,24h	ASTM D792-13, Method A

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Disclaimer: The information in this technical data sheet, including material properties, are obtained from testing representative samples under carefully controlled conditions and are provided for reference only. Material properties may be impacted by storage, handling, processing equipment/parameters, and product design, among other factors. The information is not a substitute for user testing to determine fitness for any specific use and the user is responsible for ensuring safe and lawful use of the product.

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