

PETG 150

PETG combines the best printing qualities of ABS and PLA. It boasts the functionality of ABS while retaining the printability of PLA. This makes the filament great for mechanical applications due to its amazing layer adhesion, low warping and high impact-resistance. As an added bonus, PETG is both fully recyclable and can be sterilised!

PETG Filament

PRINTING PARAMETERS

Printer Type:	Cartesian / Delta
Extruder Type:	Direct Drive/Bowden Tube
Layer Height:	0.1 mm - 0.3mm
Fill Density:	0 - 100%
Shell Thickness:	>0.4 mm
Print Speed:	20 - 60 mm/s
Printing Temperature:	220 - 240°C
Build Bed Temperature:	0 - 50°C
Retraction Speed:	30 - 50 mm/s
Retraction Distance:	3 - 10 mm
Cooling Fan:	Yes

PETG Filament

MATERIAL DATA SHEET

Diameter:	1.75 mm
Diameter Tolerance:	±0.03 mm
Specific Gravity:	1.27 g/cm ³
Tensile Strength:	50 Mpa
Impact Strength:	7.9 KJ/m ²
Surface Finish:	Glossy
Transparency	Translucent
Processability	Medium

The data represented is intended as a general guide and results may differ