3D Printing Filament

TECHNICAL DATA SHEET - MH Build Series PETG

Commercial Name: MatterHackers Build PETG

Designation: 3D printing filament material

Manufacturer: MatterHackers

Product Description

MH Build Series PETG is an affordable PETG filament intended for producing strong, quality 3D-printed parts.

- Best-selling PETG at MatterHackers
- Bulk pricing available - save more with each spool purchased
- Durable and easy to print like PLA
- Compatible with the Bambu AMS
- As low as $17.14

Storage

MH Build Series PETG filament should be stored between 15 - 25°C, in its original packaging, in a clean and dry environment. When following these recommended storage procedures the minimum shelf life will exceed 12 months.

Material Specifications

PROPERTY	VALUE	TEST METHOD - ISO
Density	1.23g/cm³	ISO 1183
Heat Deflection Temperature	64C	ISO 75
Tensile Strength at Yield	49MPa	ISO 527
Tensile Elongation at Break	280%	ISO 527
Flexural Modulus	60MPa	ISO 178

Flexural Strength	1170MPa	ISO 178
Notched Izod Impact	7.6J/M2	ISO 180

Filament Specifications

PROPERTY	VALUE
Diameter 1.75mm	1.75 ± 0.05mm
Diameter 2.85mm	2.85 ± 0.05mm
Suggested Print Temperature	190°c-220°c
Suggested Print Speed	40-100+ mm/s
Suggested Bed Temperature	60°c

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