3D Printing Filament

TECHNICAL DATA SHEET - MH Build Series PLA

Commercial Name: MatterHackers Build PLA

Designation: 3D printing filament material

Manufacturer: MatterHackers

Product Description

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

- Best-selling PLA at MatterHackers
- Available in a wide variety of colors
- Bulk pricing available - save more with each spool purchased
- Combatable with Bambu AMS
- As low as $16.17

Storage

MH Build Series PLA 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	1.25g/cm³	ISO 1183
Heat Deflection Temperature	56c	ISO 75
Tensile Strength at Yield	65%	ISO 527
Tensile Elongation at Break	8%	ISO 527
Flexural Modulus	3600MPa	ISO 178

| Flexural Strength | 97MPa | ISO 178 |
| Notched Izod Impact | 4kJ/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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