



3D Printing Filament

TECHNICAL DATA SHEET - PRO Series PLA

Commercial name: MatterHackers PRO Series PLA
Raw material: Polylactide (PLA)
Designation: 3D printing applications
Manufacturer: MatterHackers, Inc.

Material Specifications

PROPERTY	VALUE	TEST METHOD - ISO
Tensile Strength at Break	7700 PSI	ASTM D638
Yield Strength	8700 PSI	ASTM D638
Tensile Elongation	6.0%	ASTM D638
Notched Izod Impact	0.3 ft-lb/in	ASTM D256

Filament Specifications

PROPERTY	VALUE
Diameter 1.75mm	1.75 ± 0.05 mm
Diameter 2.85mm	2.85 ± 0.05 mm
Suggested print temperature	190°C-230°C
Suggested print speed	50-90+ mm/s
Suggested bed temperature	60°C-70°C