



3D Printing Filament

TECHNICAL DATA SHEET - PRO ABS

Commercial name: PRO ABS
Raw material: Acrylonitrile Butadiene Styrene (ABS)
Designation: 3D printing applications
Manufacturer: MatterHackers

Material Specifications

PROPERTY	VALUE	TEST METHOD - ISO
Tensile Strength at Break	5800 PSI	ASTM D638
Yield Strength	6520 PSI	ASTM D638
Tensile Elongation	2.6%	ASTM D638
Notched IZOD Impact	1.12 ft-lb/in	ASTM D256

Filament Specifications

PROPERTY	VALUE
Diameter 1.75mm	1.75 ± 0.02mm
Diameter 2.85mm	2.85 ± 0.02mm
Suggested print temperature	220°C - 240°C
Suggested bed temperature	100°C - 130°C
Suggested print speed	50-90 mm/s