



### 3D Printing Filament

## TECHNICAL DATA SHEET - PRO Series PETG

Commercial name: MatterHackers PRO Series PETG  
Raw material: PETG  
Designation: 3D printing applications  
Manufacturer: MatterHackers

### Material Specifications

PROPERTY	VALUE	TEST METHOD - ISO
Density	1.27gcm-3	ASTM D792
Glass Transition Temperature	80°C	ASTM D3418
Heat Deflection Temperature	65°C	ASTM D648 at 66 PS
Tensile Strength at Yield	10800PSI	ASTM D638, Type IV
Tensile Elongation	5%	ASTM D638, Type IV
Flexural Modulus	935 KPSI	ASTM D790
Flexural Peak Stress	24.7 KPSI	ASTM D790
Notched Izod Impact	20Jm-1	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	230°C - 250°C
Suggested print speed	30 - 150 mm/s
Suggested bed temperature	65°C

Higher printing speeds may require higher nozzle temperatures.