



### 3D Printing Filament

## TECHNICAL DATA SHEET - Build Series PETG

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

### Material Specifications

PROPERTY	VALUE
Density	1.23g/cm-3
Heat Deflection Temperature	64C
Tensile Strength at Yield	49MPa
Tensile Elongation at break	280%
Flexural Modulus	60MPa
Flexural Strength	1170MPa
Notched Izod Impact	7.6J/M2

### Filament Specifications

PROPERTY	VALUE
Diameter 1.75mm	1.75 ± 0.05 mm
Diameter 2.85mm	2.85 ± 0.05 mm
Suggested printing bed material	Glass/Glue, Blue Tape, Garolite, CarbonFiber
Suggested print temperature	190-220c
Suggested print speed	30 - 100mm/s
Suggested bed temperature	60-80c