



3D Printing Filament

TECHNICAL DATA SHEET - Build Series PVA

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

Material Specifications

PROPERTY	VALUE
Density	1.25g/cm-3
Heat Deflection Temperature	Untested
Tensile Strength at Yield	22MPa
Tensile Elongation at break	360%
Flexural Modulus	Untested
Flexural Strength	Untested
Notched Izod Impact	Untested

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, BuildTak
Suggested print temperature	190-210c
Suggested print speed	30 - 100mm/s
Suggested bed temperature	60-80c