



### MATERIAL SPECIFICATION

Properties	Value	Test Method - ASTM
Density	1,28 g/cm <sup>3</sup>	D792
Melting Point	N/A	D3418
Tensile Strength	520 kgf/cm <sup>2</sup>	D638
Flextural Strength	680 kgf/cm <sup>2</sup>	D790
Flextural Modulus	20700 kgf/cm <sup>2</sup>	D790
Elongation at Break (@yeld)	175% (5%)	D638
Glass Transition Temperature	62°C	D3418
Izod Impact Strength, Notched	108 J/m	D256
Heat Distortion Temperature	72°C	D648

### FILAMENT SPECIFICATION

Properties	Value and Tolerances
Diameter 1.75/2.85 mm	±0.05 mm
Roundness deviation	max 2%
Suggested print temperature (guideline)	210 - 230°C
Suggested print speed	30 - 70 mm/s
Suggested bed temperature	75 - 85°C