



3D Printing Filament

TECHNICAL DATA SHEET PLA PRO HT

Material specifications

Property	Value	Test Method - ASTM
Density	1,25 g/cm ³	D792
Melting point	165 – 180°C	D3418
Tensile Modulus	2,5 MPa	D638
Tensile Strength	42 MPa	D638
Glass Transition Temperature	55-60°C	D3418
Izod Impact Strength	40 J/m	D256
Heat Distortion Temperature	>100°C (after post-annealing)	D648

FABtotum Filament specifications

Property	Value and Tolerances
Suggested print temperature (guideline)	190-220°C
Suggested print speed	40 – 85 mm/s
Suggested bed temperature	30-50°C (not necessary)