



SHAREBOT

PLA : technical detail

Material specifications

Property	Value	Test Method - ASTM
Density	1,24 g/cm ³	D1505
Meltina point	145 – 160 °C	D3418
Tensile Modulus	MD 480 kpsi	D882
	TD 560 kpsi	D882
Tensile Strength	MD 16 kpsi	D882
	TD 21 kpsi	D882
Degradation Temperature	250 °C	/

PLA



Filament specifications

Property	Value and Tolerances
Diameter 1.75mm	1.75 ± 0.05 mm
Diameter 2.85mm	2.85 ± 0.05 mm
Roundness deviation	max 3%
Suggested print temperature (guidelin	215 °C
Suggested print speed	40 – 85 mm/s
Suggested bed temperature	30-50 °C (not necessary)

