

**BEE SUPPLIES**  
3D PRINTING FILAMENT

# TECHNICAL DATASHEET

## PLA

**RAW MATERIAL** PLA - Polylactic Acid

**APPLICATION** 3D Printing

### MATERIAL SPECIFICATIONS

		<b>TEST METHOD (ASTM)</b>
Density	1,24 g/cm <sup>3</sup>	DIN 1505
Melting point	145 – 160°C	DIN 3418
Tensile Modulus	MD 480 kpsi TD 560 kpsi	DIN 882 DIN 882
Tensile Strength	MD 16 kpsi TD 21 kpsi	DIN 882 DIN 882
Degradation Temperature	250°C	-

### FILAMENT SPECIFICATIONS

Diameter 1.75mm	1.75 ± 0.05 mm
Roundness deviation	max 3%
Suggested print temperature (guideline)	200-220°C
Suggested print speed	40-70 mm/s
Suggested bed temperature	not necessary

Manufactured for BEEVERYCREATIVE