



PLA Filament

- High performance Polyactic Acid (PLA) for material extrusion (ME)
- Biopolymer derived from plants
- Good post-printing workability
- Odourless
- Main applications: Concept modelling for food packaging, transport containers, medical/hygienic products, housings. Education.



Filament Specifications

Size	Ø tolerance	Length
1.75mm	± 0.02mm	335 m
2.85mm	± 0.03mm	126 m

Material properties

Description	Test method	Typical value
Density	ISO 1183	1.24 g/cm
Melt flow rate (210°C, 21.2N)	ISO 1133	8.1 g/10min
Melt temperature	DSC	163°C
Glass transition temperature	DSC	58°C
Tensile strength	ISO 527	63 Mpa
Tensile elongation	ISO 527	4 %

Recommended printer set up

Extrusion temperature	200-220°C
Bed temperature	60°C
Printing speed	30 mm/s