

FILAMENT

PLA

Polylactic acid

PLA filament provides a no-hassle 3D printing experience thanks to its reliability and good surface quality.

DIAMETER **1.75 mm**

TOLERANCE **±0.02 mm**

LENGTH **343 m**

KEY FEATURES

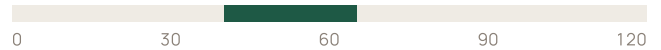
- Good tensile strength
- Good surface quality
- Easy to work with at high print speeds
- User-friendly in both home and office environments

RECOMMENDED PRINT SETTINGS

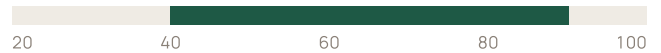
Nozzle temperature **190–220°C**



Bed temperature **40–65°C**



Print speed **40–90 mm/s**



Start in the middle of each range and adjust for your printer, nozzle and cooling.

MATERIAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE
Density	ISO 1183	1.25 g/cm ³
Glass transition temperature	DSC	61 °C
Melt flow index	ISO 1133	7–9 g/10 min
Tensile strength	ISO 527	63 MPa
Elongation at break	ISO 527	5.2 %
Elongation at yield	ISO 527	4 %

The values in this data sheet are typical values, given for reference and for comparing materials. They are not guaranteed specifications and may vary with colour, batch, print settings and part geometry. Test the material in your own application before use.