



- ⌋ Perform✓PLA is an easy to print filament with high tensile strength and low warpage.
- ⌋ Due to its low thermal and impact resistances, Perform PLA is ideal for use in prototypes with no functional requirements.

Typical Properties

Property	Test Method	Unit	Typ. Value
Nominal Diameter	-	mm	1.75 / 2.85
Density	ISO 1183	gr/cm ³	1.24
Tensile Modulus	ISO 527	MPa	3140
Tensile Strength	ISO 527	MPa	6
Impact strength Charpy	ISO 179	KJ/m ²	3.4
Elongation	ISO 527	%	2.3%

* The above are typical properties for a printed specimen

Recommended Settings

Parameter	Unit	Set Value
Nozzle Temp.	°C	205±10
Plate Temp.	°C	≤60
Cooling	-	Medium/High
Print Speed	mm/sec	Medium/High
Retraction (Bowden)	mm	>5
Retraction (Direct)	mm	2±0.5

- ⌋ Perform✓PLA adheres well when using PEI surface, Kapton Tape or glue stick on a heated glass plate.