

PLA filament

| Printing Parameters | | |
|----------------------|--|---------------------------|
| Item | Results | Unit |
| Nozzle Temp | 190-220 | °C |
| Ideal Temp | 195°C | °C |
| Heated Bed Temp | 40°C~50°C | °C |
| Print speed | 30~50 | mm/s |
| | | |
| Materials Parameters | | |
| Density | 1.24 | g/cm ³ , D1505 |
| Melt Flow Index | 6 | g /10 min, 190°C/5kg |
| Heat Distortion Temp | 56 | °C |
| Tensile Strength | 75 | MPa |
| Tensile Elongation | 13 | % |
| Flexural Strength | 66 | MPa |
| Flexural Modulus | 2855 | MPa |
| Impact Strength | 4.8 | KJ/m ² |
| Diameter Accuracy | 1.75mm: 1.70~1.78mm; 3.0mm: 2.90~3.0mm | |