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PLA filament

Printing Parameters		
Item	Results	Unit
Nozzle Temp	190-220	°C
Ideal Temp	200°C	°C
Heated Bed Temp	40°C~50°C	°C
Print speed	30~50	mm/s
Materials Parameters		
Density	1.24	g/cm3, D1505
Melt Flow Index	6	g /10 min, 190°C/2.16kg
Heat Distortion Temp	50	°C
Tensile Strength	62	Kg/cm2
Tensile Elongation	4.4	%
Flexural Strength	66	Kg/cm2
Flexural Modulus	28000	Kg/cm2
Impact Strength	4.2	KJ/m²
Diameter Accuracy	1.75mm: 1.70~1.78mm; 3.0mm: 2.90~3.0mm	