



## FILAMENT DATASHEET

MATERIAL: Longchain PA

### WE CARE ABOUT YOUR PRINTS

Suggested printing specs.	Value	Unit	Standard
Extruder Temperature	240° +/-10°	°C	Internal
Bed Temperature	95° +/-10°	°C	Internal
Print speed	40-50	mm/s	Internal
Fan	0-30	%	Internal
Minimum Nozzle Diameter	0,35	mm	Internal
Material Properties	Value	Unit	Standard
Density	1	g/cm <sup>3</sup>	ISO 1183
Hardness	75	sh/D	ISO 868
Tensile Modulus	1440	MPa	ISO 527
Melting Point	180°	°C	ISO 11357
Charpy impact strength, 23°C	NO BREAK	kJ/m <sup>2</sup>	ISO 179
Charpy impact strength, -30°C	NO BREAK	kJ/m <sup>2</sup>	ISO 179
Yield Stress	43	MPa	ISO 527-2

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