



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 ³ | 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 ² | ISO 179 |
| Charpy impact strength, -30°C | NO BREAK | kJ/m ² | ISO 179 |
| Yield Stress | 43 | MPa | ISO 527-2 |

DISCLAIMER

The Information presented herein has been compiled from sources considered to be dependable and is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, Sa2p/Treed Filaments makes no warranty expressed or implied, with respect to completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon.

User should satisfy himself that he has all current data relevant to his particular use.