



TREED FILAMENT DATASHEET

MATERIAL: P51- Polycarbonate

WE CARE ABOUT YOUR PRINTS

Suggested printing specs.	Value	Unit	Standard
Extruder Temperature	245° +/-10°	°C	Internal
Bed Temperature	100° +/-10°	°C	Internal
Print speed	50-60	mm/s	Internal
Fan	0-20	%	Internal
Minimum Nozzle Diameter	0,35	mm	Internal
Material Properties	Value	Unit	Standard
Density	1.2	g/cm ³	ISO 1183
Water Absorption	0.15	%	ISO 62
Tensile Modulus	2340	MPa	ISO 527
Tensile Stress at Break	71	MPa	ISO 527
Charpy Impact at 23°C	No Break	kJ/m ²	ISO 179
Charpy Impact at -30°C	No Break	kJ/m ²	ISO 179
Hardness	72	shore M	ASTM D785
Melting point	220	°C	ISO 11357
Vicat Softening Temperature	96	°C	ISO 306

DISCLAIMER

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