



## TREED FILAMENT DATASHEET

MATERIAL: Tenax PC-ABS

### WE CARE ABOUT YOUR PRINTS

Suggested printing specs.	Value	Unit	Standard
Extruder Temperature	250° +/-10°	°C	Internal
Bed Temperature	100° +/-10°	°C	Internal
Print speed	50-60	mm/s	Internal
Fan	0-20	%	Internal
Minimum Nozzle Diameter	0,4	mm	Internal
Material Properties	Value	Unit	Standard
Density	1.1	g/cm <sup>3</sup>	ISO 1183
Water Absorption	0.9	%	ISO 62
Tensile Modulus	2000	MPa	ISO 527
Vicat Point	108°	°C	ISO 306
Heat deflection	93°	°C	ISO 11357
Charpy notched impact, 23°C	50	kJ/m <sup>2</sup>	ISO 179
Charpy notched impact, -30°C	50	kJ/m <sup>2</sup>	ISO 179
Tensile Stress	43	MPa	ISO 527-2
Tensile Strain (Break)	80	%	ISO 527-2

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