

Technical Data Sheet (TDS): Bridge Nylon

Bridge Nylon from taulman3D

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HS Code	3916.9
Printing Temperature	250-255C
Melting Temperature	217C
Tg Glass Transition	52C
Pyrolysis – Thermal Degradation	360C
Non-Destructive Evaluation	Yes
Print Bed Temperature	30-65C
Optimal Bed Surface	Garolite
Shrinkage (in)	0.0061
Tensile Strength (PSI)	4,800
Ultimate Elongation when 3D Printed	248.2%
Modulus PSI when 3D Printed	26.544
Opacity	45%
Colors	Natural and Black
UL 94 HB	Yes
UL 94 V2 at 1.5mm thickness	Yes
FDA Direct Food Contact	No
FDA Direct Drink Contact	No
Use of Taps for Threads	Excellent
CNC Finish Tooling	Any
CNC Coolant	Forced Air Only
Use in 3D Forging	Excellent
Printed Prothesis	Excellent
Nominal Diameters	1.75mm and 2.85mm (3mm)

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High Strength Materials