

Technical Data Sheet (TDS): Nylon 230

Nylon 230 from taulman3D

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HS Code	3916.9
Printing Temperature	228-235C
Melting Temperature	195C
Tg Glass Transition	68C
Pyrolysis – Thermal Degradation	312C
Non-Destructive Evaluation	No
Print Bed Temperature	55C
Optimal Bed Surface	Glass
Shrinkage (in)	0.0061
Tensile Strength (PSI)	4,980
Ultimate Elongation when 3D Printed	417%
Modulus PSI when 3D Printed	10594
Opacity	0%
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	Good
Printed Prothesis	Excellent
Nominal Diameters	1.75mm and 2.85mm (3mm)

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High Strength Materials

