

Technical Data Sheet (TDS): Alloy 910

Alloy 910 from taulman3D

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HS Code	3916.9
Printing Temperature	250-255C
Melting Temperature	210C
Tg Glass Transition	82C
Pyrolysis – Thermal Degradation	349C
Non-Destructive Evaluation	Yes
Print Bed Temperature	30-65C
Optimal Bed Surface	Garolite
Shrinkage (in)	0.0033
Tensile Strength (PSI)	8,100
Ultimate Elongation when 3D Printed	32%
Modulus PSI when 3D Printed	72,932
Opacity	70%
Colors	Natural and Black
UL 94 HB	Yes
UL 94 V2 at 1.5mm thickness	Yes
FDA Direct Food Contact	Yes
FDA Direct Drink Contact	Yes
Use of Taps for Threads	Excellent
CNC Finish Tooling	Carbide
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

