taulman **Alloy 910** is the combined effort of chemical companies, extrusion manufactures and taulman3D to specifically develop a single material to meet as many high performance 3D Printing needs as possible. With a combined tensile strength higher than the strongest co-polyesters, the durability of Nylons, a shrinkage factor that rivals our t-glase, a vast range of chemical resistance and a 82C working range, you now have one solution easily printable at 250C-255C. Uses such as direct mounting to auto motors or diesel motors for ports.

Notes: T 1 N 1 N 1 H 1 H 2 P 8 N 3 T 4 P 6 A 8 N N N N N N N N N N N N N N N N N N N	pecification echnical Ianufacture Part ID IS Code hermal rinting Temperature Idelting Temperature g Glass transition yrolysis - Thermal degradation Ion-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical Iominal Diameter (3mm Maximum Dia) Veight /spool Iominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	Alloy 910 tauA1/tauA3 3916.9 250C-255C 210C 82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
1 M H H H H H H H H H H H H H H H H H H	Innufacture Part ID IS Code hermal rinting Temperature lelting Temperature g Glass transition yrolysis - Thermal degradation lon-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) leight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	3916.9 250C-255C 210C 82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
T 2 P N N 3 T 4 P S S S S S S S S S S S S S S S S S S	hermal rinting Temperature lelting Temperature g Glass transition yrolysis - Thermal degradation lon-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) leight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue	3916.9 250C-255C 210C 82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
T 2 P N N 3 T 4 P S S S S S S S S S S S S S S S S S S	hermal rinting Temperature lelting Temperature g Glass transition yrolysis - Thermal degradation lon-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) leight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	250C-255C 210C 82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
2 P M 3 T 4 P 6 A P 6 A P N N N N N N N N N N N N N	rinting Temperature felting Temperature g Glass transition yrolysis - Thermal degradation lon-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) leight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	210C 82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
2 P M 3 T 4 P 6 A P 6 A P N N N N N N N N N N N N N	rinting Temperature felting Temperature g Glass transition yrolysis - Thermal degradation lon-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) leight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	210C 82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
M 3 T 4 P N N S P 6 A A P P N N N N N N N N N N N N N N N N	delting Temperature g Glass transition yrolysis - Thermal degradation on-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) leight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	210C 82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
3 T 4 P N N 5 P 6 A P N N N T S 8 S 9 N T U N N C C C C A F	g Glass transition yrolysis - Thermal degradation lon-Destructive Evaluation rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) leight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	82C 349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
4 P N N S P P N N N N N N N N N N N N N N	yrolysis - Thermal degradation Ion-Destructive Evaluation Irint-Bed Temp Imbient Temp (Enclosure) hysical Iominal Diameter (3mm Maximum Dia) I/eight /spool Iominal Length/spool (In Feet) Ihrinkage - in/in Iolvent/Glue Iechanical Iechanical Iensile Stress "PSI" when 3D Printed	349C Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
9 M C C C C A	hysical lominal Diameter (3mm Maximum Dia) lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	Yes 30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
5 P 6 A A P 8 S S S S S S S S S S S S S S S S S S	rint-Bed Temp mbient Temp (Enclosure) hysical lominal Diameter (3mm Maximum Dia) /eight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	30-65C 30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
6 A P N N V N N 7 S 8 S 9 N T U N 0 C C R 10 C	hysical lominal Diameter (3mm Maximum Dia) Veight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	30 - 100C 1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
9 N V V 7 S 8 S 9 N T U N 0 C	hysical Iominal Diameter (3mm Maximum Dia) Veight /spool Iominal Length/spool (In Feet) hrinkage - in/in olvent/Glue Iechanical ensile Stress "PSI" when 3D Printed	1.75mm/2.85mm 1 lb 490/180 0.0033 ComPlete
9 N T U U N N C C C R R F F	lominal Diameter (3mm Maximum Dia) Veight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	1 lb 490/180 0.0033 ComPlete
9 N T U U N N C C C R R F F	lominal Diameter (3mm Maximum Dia) Veight /spool lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	1 lb 490/180 0.0033 ComPlete
9 N T U U N N C C C R R F F F	Veight /spool Iominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	1 lb 490/180 0.0033 ComPlete
9 N T U U N N C C C R R F F F F F F F F F F F F F F F	lominal Length/spool (In Feet) hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	490/180 0.0033 ComPlete
7 S 8 S 9 M T T U U M M C C C C R R 10 C C	hrinkage - in/in olvent/Glue lechanical ensile Stress "PSI" when 3D Printed	0.0033 ComPlete
8 S 9 N T T U N C C C R 10 C	lechanical ensile Stress "PSI" when 3D Printed	ComPlete
9 N U	lechanical ensile Stress "PSI" when 3D Printed	
T U U M M C C C C R R 10 C C	ensile Stress "PSI" when 3D Printed	
T U U M M C C C C R R 10 C C	ensile Stress "PSI" when 3D Printed	
N C C C R 10 C		0.400
O C C R T T O C C	Itimate Elongation when 3D Printed	8,100
0 C R 10 C		32%
10 C	lodulus "PSI" when 3D Printed	72,932
10 C		
10 C	ptical	700/
10 C	pacity	70%
A	deflectivity	N/A
F	TOIOF	Natural
F	pprovals	1
	DA - Direct Food Contact	Yes
- '	DA Direct Prink Contact	Yes
	DA Direct Dillik Contact	162
- 10	L Flammability	
	L 94 HB	Yes
	L 94 V2 at 1.5 mm thickness	Yes
Ť	E 57 VE at 1.5 mm thothess	100
F	eatures:	
s	urface texture	Very good
	iving Hinge	N/A
	se of Taps for threads	Excellent
	NC finish tooling	Carbide
	NC Coolant	Forced Air Onl
	se in 3D Forging	Excellent
	rinted Prosthesis	Excellent
	obotic Assemblies	Excellent
	ewelry Printing	N/A
	umes	None
	enticulated overlays.	N/A
		Acid Based
	ve type	Very good
1	lye type lye Uptake (Saturation)	7, 3000