

	www.taulman3d.com	
	Specification	T-Lyne
Notes:	Technical	
1	Manufacture Part ID	tly1/tly3
	HS Code	3916.9
	Thermal	
2	Printing Temperature	185C-242C
	Melting Temperature	110
3	Tg Glass transition	NA
4	Pyrolysis - Thermal degradation	282
	Non-Destructive Evaluation	Yes
5	Print-Bed Temp	60C Max
6	Ambient Temp (Enclosure)	None
	Physical	
	Nominal Diameter (3mm Maximum Dia)	1.75mm/2.85mm
	Weight /spool	1kg/1lb
	Nominal Length/spool (In Feet)	700/520
7	Shrinkage - in/in	0.0033
8	Solvent/Glue	Tetrahydrofuran
9	Mechanical	
	Tensile Stress "PSI" when 3D Printed	4,496
	Ultimate Elongation when 3D Printed	300.00%
	Modulus "PSI" when 3D Printed	71068
	Optical	
	Opacity	91%
	Reflectivity	TBD
10	Color	Natural
	Approvals	
	FDA - Direct Food Contact	Yes
	FDA Direct Drink Contact	Yes
	UL Flammability	
	UL 94 HB	None
	UL 94 V2 at 1.5 mm thickness	None
	Features:	
	Surface texture	N/A
11	Living Hinge	Very good
	Use of Taps for threads	Poor
	CNC finish tooling	N/A
12	CNC Coolant	N/A
	Use in 3D Forging	N/A
	Printed Prosthesis	N/A
	Robotic Assemblies	N/A
	Jewelry Printing	N/A
	Fumes	None
	Lenticulated overlays.	N/A
	Dye type	N/A
	Dye Uptake (Saturation)	N/A
	Specifications are subject to change.	