

Technical Data Sheet (TDS): T-Glase

T-Glase from taulman3D

contact@taulman3d.com

| | |
|-------------------------------------|-----------------------------------------------|
| HS Code | 3916.9 |
| Printing Temperature | 235-242C |
| Melting Temperature | 207C |
| Tg Glass Transition | 76C |
| Pyrolysis – Thermal Degradation | 282C |
| Non-Destructive Evaluation | Yes |
| Print Bed Temperature | 55C |
| Optimal Bed Surface | Glass |
| Shrinkage (in) | 0.0028 |
| Tensile Strength (PSI) | 4,516 |
| Ultimate Elongation when 3D Printed | 7.8% |
| Modulus PSI when 3D Printed | 80,315 |
| Opacity | 91% |
| Colors | Natural, Black, White, Blue, Red, Green, Aqua |
| UL 94 HB | No |
| UL 94 V2 at 1.5mm thickness | No |
| FDA Direct Food Contact | Yes |
| FDA Direct Drink Contact | Yes |
| Use of Taps for Threads | Very Good |
| CNC Finish Tooling | Carbide |
| CNC Coolant | Forced Air Only |
| Use in 3D Forging | Very Good |
| Robotic Assemblies | Very Good |
| Nominal Diameters | 1.75mm and 2.85mm (3mm) |



