

Technical Data Sheet (TDS): Glass Fiber Alloy Nylon

Glass Fiber Alloy Nylon from taulman3D

contact@taulman3d.com

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| HS Code | 3916.9 |
| Printing Temperature | 250-260C |
| Drying Temperature | 60C for 8 Hours |
| Izod Impact | 1.09 (lbf-ft/in) |
| Tensile Stress (PSI) | 4601.3 |
| Non-Destructive Evaluation | No |
| Print Bed Temperature | 55C |
| Optimal Bed Surface | Garolite or Glass |
| Nozzle | Hardened |
| Maximum Load | 169.9 (lbf) |
| Elongation % | 35 |
| Color | Beige |
| Print Speed | 40mm/s |
| Retraction | 3-4mm |
| Maximum Layer Height | .24mm |
| Retraction Speed | 20mm/s |
| FDA Direct Food Contact | No |
| FDA Direct Drink Contact | No |
| Fiber Fill Percentage | 12% |
| Diameter Tolerances | 1.75mm \pm 0.04mm / 2.85mm \pm 0.06mm |
| Spool Type | HIPS |
| Country of Origin | United States of America |
| Nominal Diameters | 1.75mm and 2.85mm (3mm) |

