

Key Features

- Superior strength and durability
- Wide range of applications
- Excellent surface and large part
- Heat tolerance up to 90 °C
- Thermoplastic-like performance, look and feel

Common Applications

- Customized end-use parts
- Tough, functional prototypes
- Under the hood automotive parts
- Functional testing for aerospace
- Low volume connectors for electronics

Material Description

Somos® Taurus is a high-performance material engineered for 3D printing applications. It is known for its exceptional durability, toughness, and heat resistance, making it suitable for producing functional prototypes and end-use parts that require robust mechanical properties. Somos® Taurus resin offers excellent impact resistance and dimensional stability, allowing for the creation of complex geometries with high accuracy and detail. Its versatility makes it ideal for a wide range of industries, including automotive, aerospace, consumer electronics, and healthcare. Parts printed with Somos® Taurus resin exhibit a smooth surface finish and can be post-processed to achieve desired aesthetics or functional characteristics.

Mechanical Properties

Flexural Strength	63 – 73 MPa
Tensile Strength	47 – 49 MPa
Hardness	Short D83
Elongation at Break	17 – 24%

Physical Properties

Density	0.0408 lb/in³ (1.13 g/cm³)
Modulus of Elasticity	2.31 GPa
Heat Deflection Temp.	194°F (90 °C)

Technical Assistance

Our knowledgeable staff, supported by our in-house team of expert metallurgists and engineers, is ready to assist you with any technical inquiries.

InstaVoxel™ – On-Demand Manufacturing Expert

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InstaVoxel's quality control system is ISO-9001 certified, and all our partners hold relevant certifications.



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