



This advanced engineering-grade material is a powerful dual use 3D printing solution. In addition to being a highly accurate prototyping material with ABS-like properties, it also produces large, smooth and accurate investment casting patterns on EnvisionTEC's large frame 3SP machines. FormCast is an antimony-free formulation that delivers a very clean burnout with low residual ash. This results in less time preparing molds and allows for the production of titanium and super alloy metal parts. This material was jointly developed by EnvisionTEC and Somos.

Beta Material Properties ¹	
Description	Value
Tensile strength, ISO 527	Coming Soon
Elongation at break, ISO 527	4-5%
Tensile modulus ISO 527	~ 3000 MPa
Hardness Shore D, ASTM D2240	Coming Soon
Heat deflection temperature, ASTM D648	60-100+°C depending on UV post curing and thermal post cure procedures
Viscosity @ 30°C, Brookfield	~ 360 cP
Flexural Strength, ASTM D790	Coming Soon
Flexural Modulus, ASTM 790	Coming Soon
Izod impact notched, ASTM D256	0.25-0.30 J/cm
Colors available	Transparent Yellow

Recommended 3D Printer Family²

3SP Family

¹ All data provided is preliminary and must be verified by the individual user

² May not be suitable for all machine models within a 3D printer family. Please refer to specific model online for compatibility.