

IC163

Investment Casting Resin

Technical Data Sheet

General Information

CPS IC 163 is a fully formulated resin that is tuned to print on a variety of SLA and DLP 3D printers to create a polymer that is easy to handle and burns out cleanly.

Product Data

		Method
Viscosity (cps @ 25 °C)	200	Brookfield SP #31
Density (g/mL)	1.12	
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	Post-Cured Properties	
Tensile Modulus (mPa)	610	ASTM D 638-14
Tensile Strength (mPa)	24	ASTM D 638-14
Elongation (%)	5.1	ASTM D 638-14
Shore Hardness	84 D	

Print Conditions

Prints in Open Mode on the Form2
Prints on Ember at 2.2s a layer.

Post Cure Procedure

For best results post cure under broadband light at 30 mW/cm² for 10 minutes

Storage and Handling

CPS IC163 stable for up to 1 year at ambient conditions.

This product is light sensitive and should not be exposed to daylight, UV light and artificial lighting during storage.

Exposure to daylight, UV light and artificial lighting should be kept to a minimum during handling.