

# Castable Wax

Sharp Detail and Clean Casting Every Time

\$299 / L

A 20% wax-filled photopolymer for reliable casting with zero ash content and clean burnout, Castable Wax accurately captures intricate features and offers the smooth surfaces stereolithography 3D printing is known for.



FLCWPU01

 3D-MODEL

# Material Properties Data for Castable Wax FLCWPU - Green<sup>1</sup>

	METRIC <sup>2</sup>	IMPERIAL <sup>2</sup>	METHOD
<b>Tensile Properties</b>			
Ultimate Tensile Strength	11.6 MPa	1680 psi	ASTM D 638-10
Young's Modulus	220 MPa	32 ksi	ASTM D 638-10
Elongation at Break	13 %	13 %	ASTM D 638-10
<b>Burnout Properties</b>			
Temp @ 5% Mass Loss	249 °C	480 °F	ASTM E 1131
Ash content (TGA)	0.0-0.1%	0.0-0.1%	ASTM E 1131

<sup>1</sup>Data was obtained from parts printed using Form 2, Castable 50 µm Fine Detail settings, and post-cured with 2.5 mW/cm<sup>2</sup> of fluorescent bulb UV light, centered at 405 mm.

<sup>2</sup>Material properties can vary with part geometry, print orientation, print settings, and temperature.

## Standard Burnout Schedule

The Standard Burnout Schedule is designed to provide the maximum possible investment strength and complete burnout of the finest details using R&R Plasticast or similar investment materials. Use this schedule as a starting point and make adjustments as needed.

