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Liqcreate Wax Castable

A wax-based Castable resin for Digital Light Processing (DLP), Liquid Crystal Display (LCD) and laser based 3D-printers. Liqcreate Wax Castable is perfect for manufacturing jewelry, dental and industrial parts using the direct investment casting method.

Product description

Liqcreate Wax Castable is a blue wax-based photopolymer with reliable processability and accuracy on LCD/MSLA, DLP and laser based 3D-printers. 3D-printed parts from this material captures intricate features and show crisp details. This wax-based material offers smooth surfaces with clean burnout for a reliable casting process. Create custom made elegant organic geometries according to your preferences with positive and negative engravings. Liqcreate Wax Castable creates perfect casting patterns for jewelry, dental and industrial parts.

Key benefits

- High precision
- Wax-based
- Clean & ash free burnout
- Excellent casting of engravings

3D-Printer compatibility

- Phrozen Sonic Mini 4K
- Anycubic Photon
- Elegoo Mars
- All open source 385 - 420nm DLP, LCD and SLA 3D-printers

Order information

Order directly at the Liqcreate store or send your inquiry to order@liqcreate.com with the following order numbers.

Liqcreate Wax Castable	250 gram	Order number LWC00250
Liqcreate Wax Castable	1 kg	Order number LWC01000



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Liqcreate Wax Castable Technical Data

Liquid properties			
Appearance	Blue liquid	**E_c**	7.31 mJ/cm^2
Viscosity	700 cps at 25˚C	**D_p metric**	0.29 mm
Density	1.18 g/cm^3	**D_p imperial**	11.42 mils

Polymer properties			
Mechanical properties		**15 minutes high power LED curing at 60˚C**	
Description	**ASTM Method**	**Metric**	**Imperial**
Flexural Strength	D790M	33 MPa	4.8 ksi
Flexural Modulus	D2240	1.1 GPa	160 ksi
IZOD Impact (notched)	D256A	n/a	n/a
Shore D Hardness	D2240	77	
Water sorption	D570-98	0.28 %	
Tg	D7028	n/a	n/a

These values may vary and depend on individual machine processing and post-curing.

Visit www.liqcreate.com for more information about this product and the post processing and burnout schedule.