



## Liqcreate Premium White

A general purpose and easy to print resin for Liquid Crystal Display (LCD) and Digital Light Processing (DLP) 3D-printers. Liqcreate Premium White is perfect for applications which require long-term color stability.

### Product description

Liqcreate Premium White is an opaque white photopolymer with excellent UV-stability. 3D-printed parts from this material show no discoloration and stay perfectly white, even after long-term UV exposure. Liqcreate Premium White is easy to use on all open source LCD and DLP 3D-printers in the range of 385 - 420nm. This material has excellent properties like low shrinkage and low odor, which makes it ideal for the production of medical models, architectural scale models and miniatures.

### Key benefits

- Opaque White
- Non-yellowing
- Low odor
- Low shrinkage

### 3D-Printer compatibility

- Wanhao D7
- Anycubic Photon
- Phrozen Shuffle
- All low power, open source 385 - 420nm LCD and DLP 3D-printers

### Order information

Order directly at the [Liqcreate store](#) or send your inquiry to [order@liqcreate.com](mailto:order@liqcreate.com) with the following order numbers.

Liqcreate Premium White	250gram	Order number LPW00250
Liqcreate Premium White	1 kg	Order number LPW01000





## Liqcreate Premium White Technical Data

Liquid properties			
Appearance	Opaque White liquid	$E_c$	6.87 mJ/cm <sup>2</sup>
Viscosity	500 cps at 25 °C	$D_p$ metric	0.35 mm
Density	1.18 g/cm <sup>3</sup>	$D_p$ imperial	13.78 mils

Polymer properties			
Mechanical properties		30 minutes high power LED curing	
Description	ASTM Method	Metric	Imperial
Tensile Strength	D638M	45 MPa	6.5 ksi
Tensile Modulus	D638M	1.0 GPa	145 ksi
Elongation at break	D638M	8 %	
Flexural Strength	D790M	66 MPa	9.6 ksi
Flexural modulus	D2240	1.8 GPa	261 ksi
IZOD Impact (notched)	D256A	18 J/m	0.30 ft-lb/in
Shore D Hardness	D2240	82	
Water sorption	D570-98	0.4 %	
Tg	D7028	51 °C	124 °F

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

Visit [www.liqcreate.com](http://www.liqcreate.com) for more information about this product.