



## Liqcreate Premium Model

Liqcreate Premium Model is perfect for manufacturing accurate dental models and aligner models. This high accuracy skin/peach colored resin is optimized for Liquid Crystal Display (LCD) and Digital Light Processing (DLP) 3D-printers.

### Product description

Liqcreate Premium Model is a matte, opaque skin/peach colored photopolymer. Its matte color accentuates depth and detail in your dental models, which accommodates a perfect view on undercuts in 3D-printed models. 3D-printed parts from this material have exceptional dimensional stability and low shrinkage during printing. Liqcreate Premium Model 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, accuracy and dimensional stability, making it perfect for the production of dental models.

### Key benefits

- Excellent dimensional stability
- High detail
- Temperature resistant for aligner production
- Low shrinkage

### 3D-Printer compatibility

- Anycubic Photon
- Wanhao D7
- Kudo3D Bean
- 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 Model	250gram	Order number LPM00250
Liqcreate Premium Model	1 kg	Order number LPM01000





## Liqcreate Premium Model Technical Data

Liquid properties			
Appearance	Opaque Peach liquid	$E_c$	6.87 mJ/cm <sup>2</sup>
Viscosity	700 cps at 25 °C	$D_p$ metric	0.35 mm
Density	1.18 g/cm <sup>2</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	46 MPa	6.7 ksi
Tensile Modulus	D638M	1.1 GPa	160 ksi
Elongation at break	D638M	8 %	
Flexural Strength	D790M	68 MPa	9.9 ksi
Flexural modulus	D2240	1.9 GPa	276 ksi
IZOD Impact (notched)	D256A	17 J/m	0.29 ft-lb/in
Shore D Hardness	D2240	83	
Water sorption	D570-98	0.4 %	
Tg	D7028	61 °C	141 °F

*These values may vary and depend on individual machine processing and post-curing. Liqcreate Premium Model is not tested on biocompatibility, therefore the material should not be used for applications inside the human body.*

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