

### PR221-Glitter Glitter Prototyping Resin

#### General Information

PR221-Glitter is formulated to work with LCD 3D printers using 385-405 nm light. It is tuned to print with high resolution and reliability.

#### Chemical Data

<b>Viscosity (cps @25 °C)</b>	700	<b>Method</b> Brookfield SP #31
<b>Tensile Modulus (mPa)</b>	<b>Post-cured</b> 1100	ASTM D 638-1V
<b>Tensile Strength (mPa)</b>	50	ASTM D 638-1V
<b>Elongation (%)</b>	6	ASTM D 638-1V
<b>Shore Hardness</b>	86.5 D	

*\*Parts were post-cured for 10min a side with a Broadband light source at 10mW/cm<sup>2</sup> for 10 minutes a side.*

*\*Properties may vary in orientation and post-treatment.*

#### Print Settings

PR221-Glitter is recommended 60s for first layers, and 5-9 seconds for the model layers, depending on the printer.

#### Post Cure Procedure

Parts should be post cured under a either a 395-405 nm LED for 10 minutes on a side at a minimum of 10 mW/cm<sup>2</sup> or a broadband UV light source at 10 minutes a side to bring the parts up to their full properties

#### Storage and Handling

PR221-Glitter 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.

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