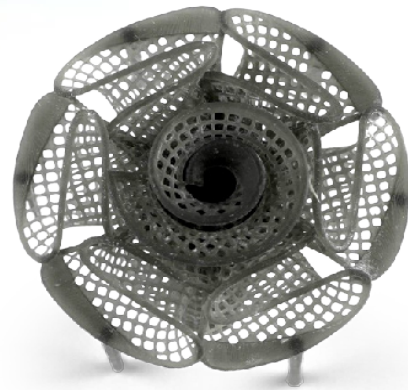




## BR3DSQ-DL-CASTABLE Daylight **Precision Castable**



# SPECS

## FEATURES

Precision Castable has been designed for creating high definition castable parts especially for the Precision printer. The printed objects will display a high resolution, and accuracy, allowing for the production of highly detailed parts, especially for the use in the jewellery and dental market. This product has been formulated to burn evenly at regularly increasing temperature stages to reduce gas pressure in the cast and provide almost no ash content. It will give almost no expansion upon heating.

Key benefits include reduced ash content in burnout, almost no expansion when heated, highly accurate parts with a good finish which is easy to use.

Ideal Applications:

- Jewellery
- Partial Denture Base
- Crowns
- Small Bridges

## PROCESSING INSTRUCTIONS

Follow the procedures laid out in your 3D Liquid Crystal's user manual. Polymer should be poured into the tray away from direct sunlight. Polymer can be reused but should be poured through a filter to remove solid lumps. Keep hood on at all times. Liquid polymer is soluble in water and soap. After making cleaned objects surface tack can be removed by leaving under water in sunlight for 10 minutes.

## DATA

<b>Viscosity</b> (At 25°C Brookfield spindle 3)	140 cPs
<b>Hardness</b> (After post exposure)	75 Shore D
<b>Tensile strength</b> ASTM D638 (After post exposure)	15.4 MPa
<b>Tensile strength</b> ASTM D638 (Before post exposure)	3.7 MPa
<b>Tensile modulus</b> ASTM D638 (After post exposure)	628 MPa
<b>Elongation at break</b> ASTM D638	6.5%
<b>Heat deflection temp</b> ASTM D648	N/A
<b>Storage</b>	10<t>50°C
<b>Density</b>	1.09 g/cm <sup>3</sup>

## AVAILABLE COLOURS

Smoky Quartz

Available in 1kg bottles.