



## UV LCD Flexible

# SPECS

### FEATURES

Photocentric's UV-LCD range puts creation in your hands. Obtain prints in short times on UV-LCD backlit prints like the Wanhao D7 and Anycubic Photon where these resins have been optimised to give the shortest layer times.

Photocentric's range of Flexible UV-LCD photopolymers are ideal for creating objects where flexibility is needed. Thin objects will compress and deflect enough to bend and return to their original shape.

They exhibit very low tensile shear properties and limited elongation. UV-LCD Flexible provides excellent imaging in your back lit UV-LCD printer where you also benefit from fast exposure times and hold the finest detail your machine can provide. The solid material is flexible, durable and long lasting provided it is stored in dry conditions away from strong UV light.

### PROCESSING INSTRUCTIONS

Follow the procedures laid out in your UV-LCD printer user manual. For cure times, please refer to our UV Support Page. Resin 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. Liquid polymer is soluble in water and soap. After cleaning objects, surface tack can be removed by leaving under water in UV light for 20 minutes. Total post cure should be at least 1 hour in UV light.



### DATA

<b>Viscosity</b> (At 25°C Brookfield spindle 3)	200 cPs
<b>Hardness</b> (After post exposure)	85 Shore A
<b>Tensile strength</b> (ASTM D638 After Post Exposure)	4.9 MPa
<b>Tensile strength</b> ASTM D638 (Before post exposure)	1.5 MPa
<b>Elongation at break</b> ASTM D638	60%
<b>Storage</b>	10<t>50°C
<b>Density</b>	1.18 g/cm <sup>3</sup>

### AVAILABLE COLOURS

#### Black

Available in 1kg bottles.