

## L-8455 3D Printing High Strength UV Resin

### Description

**L-8455** is a special modified polyurethane resin with good hardness and toughness, good scratch resistance, good moldability, good detail display, good inter-layer adhesion and fast response.

### Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	400 - 650
UV component (%)	100
Density (25°C,g/cm³)	1.02±0.05
Acid value (mg KOH/g)	2 - 6
Refractive index	1.487
Shore hardness	75D
Tensile strength (MPa)(ASTM D882)	4.3
Elongation at break (%) (ASTM D882)	1
Functional group	4

### Performance

Good hardness, toughness and scratch resistance  
Low shrinkage, high strength, good yellowing resistance  
Good adhesion between layers, good moldability, and good detail display  
Good pigment wetting.

### Applications

3D printing of dental molds, 3D printing of various animation toys, 3D printing of various rigid items, and UV inkjet.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature( 25°C) and under ventilation.

This product will be packed into 25KG/200KG/barrel

**Tips: L-8455 is specially used for 3D printing of dental molds, 3D printing of various animation toys, and 3D printing of various rigid items.**

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.