

## L-8403 Potting Adhesive UV Resin

### Description

**L-8403** is a special modified polyurethane acrylic UV resin. It has good flexibility, good hardness, unique adhesion, water boiling and soaking resistant to plastics. It has strong stickness after UV curing and is recommended for use in UV potting adhesives, UV pressure-sensitive adhesives and other fields.

### Technical data

|                                     |                              |
|-------------------------------------|------------------------------|
| Appearance                          | Colorless transparent liquid |
| Viscosity (25°C, CPS)               | 800 - 1,500                  |
| UV component (%)                    | 100                          |
| Density (g/cm <sup>3</sup> , 25°C)  | 1.1±0.1                      |
| Acid value (mg KOH/g)               | 2-5                          |
| Refractive index                    | 1.509                        |
| Tensile strength (MPa)(ASTM D882)   | 12.5                         |
| Elongation at break (%) (ASTM D882) | 25.5                         |
| Functional group                    | 3                            |

### Performance

Low shrinkage, good flexibility and hardness  
Good adhesion to soft/hard plastics and metals  
Good pigment wetting

### Applications

UV adhesive glue, UV potting glue, glass UV adhesive, 3D printing, etc.

### 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 20KG/25KG/200KG/barrel

**Tips: L-8403 has fast response, good flexibility, and a good balance between hardness and flexibility.**

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.