

## L-6601D Organotin-free UV Polyurethane Resin

### Description

**L-6601D** is a cost-effective aliphatic hexafunctional urethane acrylate resin without organotin. The product has high reactivity, good hardness, very low shrinkage. The cured coatings has advantages of solvent resistance, scratch resistance, abrasion resistance and good hardness, but its yellowing resistance and weather resistance are ordinary.

### Technical data

Appearance	Colorless transparent liquid
Viscosity (60°C,CPS)	20,000-36,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm <sup>3</sup> , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	≤1
Refractive index	1.547
Shore hardness	85D
Functional group	6

### Performance

High cure rate with very low shrinkage;  
Low viscosity, high leveling;  
High hardness and good flexibility;  
Good adhesion;  
Does not contain organotin.

### Applications

It is especially suitable for various plastic substrates and plastic silver powder paint on plastic silver powder paint, UV plastic coating, UV silk screen varnish, UV vacuum plating finish, UV 3D printing, UV glue, 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/200KG/barrel

**Tips: L-6601D does not contain organotin, it is a cost-effective model among all 6-functional aliphatic urethane acrylate, and it is the first choice for medium and low-end UV coatings.**

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.