

## L-6460 High Leveling UV Polyurethane Resin

### Description

**L-6460** is a specially modified highly reactive 4-functional urethane acrylate resin. The product has low shrinkage, good adhesion, resistance to hand sweat and cosmetics and solvent resistance. It has excellent adhesion to various plastic substrates such as PC, ABS, PMMA, TAC, etc. It can also obtain good adhesion when used alone, and also has good adhesion to paper, wood, metal and other substrates. It can be used as the main resin for various UV topcoats and vacuum plating UV topcoats with high requirements such as vibration wear resistance for 2 hours.

### Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C,CPS)	1,000 - 2,500
Chroma (Gardner)	≤1
UV component (%)	80±2
Density (g/cm <sup>3</sup> ,25°C)	1.1±0.1
Acid value (mg KOH/g)	2 - 6
Refractive index	1.481
Functional group	4

### Performance

Excellent water resistance, excellent hand sweat resistance and cosmetic resistance  
Good adhesion to various plastics, metals and coatings  
Good color addition and compatibility with color concentrate  
Good vibration wear resistance, high leveling, high fullness  
Low shrinkage, high curing rate.

### Applications

Various high requirements coatings: UV vacuum coatings, UV plastic coatings, UV silk varnish, various metal UV coatings, various UV ink, 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-6460 has good adhesion, good leveling and fullness, and can be applied in high requirements end products.**

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.