

## L-6040 Good Compatibility UV Pure Acrylic Resin

### Description

L-6040 is a specially modified pure acrylic resin. The product has good flexibility, high curing rate, very low shrinkage, good adhesion to metal, plating coatings, wood, marble, paint surfaces and other materials, and is compatible with dyes and colors, good compatibility with UV polyurethane, epoxy, and polyester resins etc.

### Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	3,500 - 7,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm <sup>3</sup> , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	≤5
Refractive index	1.459
Shore hardness	72A
Functional group	2

### Performance

Good compatibility with UV polyurethane, epoxy, polyester resin  
Good flexibility, fast cure rate, reduce shrinkage of UV coatings  
Good compatibility with dyes and colorants  
Good adhesion to metals, coatings, acrylic plates

### Applications

UV vacuum coating finishing/topcoat, TPU UV vacuum coating, UV high gloss varnish, UV plastic coating, UV ink, UV silk screen varnish, paper varnish, 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-6040 has good compatibility with various UV resins and reduces system shrinkage.**

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.