

## L-6113 Low Viscosity UV Epoxy Resin

### Description

**L-6113** is a low viscosity epoxy acrylate with 4 functional groups. It has low viscosity and super fast curing speed, extremely low film shrinkage and soft elasticity. It increases surface hardness and abrasion resistance in various UV curing applications. The resin has low odor, does not contain halogen, has high gloss and fullness, and is fully compatible with various UV resins. It is widely used in many fields such as UV coatings, UV inks, UV flexo gravure printing, UV-LED roller coating, etc.

### Technical data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	800 - 1,500
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm <sup>3</sup> , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	4-8
Refractive index	1.494
Shore hardness	62D
Functional group	4

### Performance

Fast curing, excellent film formation  
Soft elasticity and high hardness balance, good scratch resistance and wear resistance  
Low viscosity, good compatibility with various resins  
Resin has a little smell and no residual odor after curing.

### Applications

UV varnish, UV screen printing ink, UV offset printing, plastic spraying coating, PVC flooring, leather coating, wood roller coating and other large-area UV coatings.

### 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-6113 has low odor, is halogen-free, has low shrinkage, and good wrapping properties for pigments.**

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.