

## L-6122 High Viscosity Fast Reaction Polyester Resin

### Description

**L-6122** is a specially modified grafted UV polyester resin. This resin has ultra-fast UV curing properties and can be completely cured even with a thin coating of 0.1um. The surface has strong coin and scratch resistance. This resin has excellent pigment wettability. Even at a high pigment ratio of 1:1, it can disperse, moisturize and preserve gloss and color well without affecting the overall flow performance. It is more suitable for high-performance UV offset printing, accelerated curing UV roller coating, high pigment wetting UV inkjet and various UV coatings. It can speed up the curing speed, adjust the surface hardness, and increase the pigment wetting performance.

### Technical data

Appearance	Transparent viscous liquid
Viscosity (60°C, CPS)	4,500-7,500
Chroma (Gardner)	≤1
UV component (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid value (mg KOH/g)	3-5
Refractive index	1.509
Shore hardness	89.5D
Functional group	6

### Performance

Ultra-fast cure speed  
Excellent pigment wetting  
High gloss, good fluidity

### Applications

UV varnish, UV plastic coating, UV inkjet, UV screen printing ink, UV offset printing ink, UV nail polish color glue, PVC floor, PVC leather, paper and other large-area UV coating

### 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-6122 is halogen-free and non-irritating, with high viscosity, ultra-fast cure speed and excellent pigment wetting.**

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.