

L-6121 Low Viscosity UV Polyester Resin

Description

L-6121 is a two-functional polyester acrylate with excellent flexibility, low viscosity and good pigments wettability.

Technical data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	30 - 60
UV component (%)	100
Density (25°C,g/cm³)	1.05±0.1
Acid value (mg KOH/g)	≤1.5
Refractive index	1.476
Shore hardness	86A
Tensile strength (MPa)(ASTM D882)	0.43
Elongation at break (%) (ASTM D882)	4.5
Functional group	2

Performance

Good dryness
Low viscosity, good color addition
Good flexibility
Good adhesion

Applications

UV wood coatings, UV silk screen varnish, UV paper varnish and UV plastic 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 25KG/230KG/barrel

Tips: L-6121 has good color addition and low viscosity. It can replace TPGDA in the formula, but the reaction is faster than TPGDA, it contains halogen.

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.