

L-6121 Low Viscosity UV Polyester Resin

Description

L-6121 is a 2-functional polyester acrylate resin with excellent flexibility, low viscosity, and good pigment wetting properties.

Technical Data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	30 - 60
UV Content (%)	100
Density (25°C,g/cm ³)	1.05±0.1
Acid Value (mg	≤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

Product Features

Good surface dryness
Low viscosity with excellent color acceptance
Good flexibility
Strong adhesion

Applications

UV wood coatings; UV screen printing varnishes; UV paper varnishes and UV plastic coatings.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 200 kg drums.

Tips: L-6121 offers excellent color acceptance and low viscosity, can replace TP in formulations with faster curing, and contains halogens.

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.