

L-6111 Low-Viscosity UV Epoxy Acrylic Resin

Description

L-6111 is a specially modified UV epoxy acrylate resin with ultra-low viscosity, fast curing, good surface drying, high gloss, high reactivity, good chemical resistance, and excellent wetting property. It is especially suitable for solvent-free UV spray coating systems.

Technical Data

Appearance	Colorless or light yellow transparent liquid
Viscosity (25°C, CPS)	250 - 800
Color Value (Gardner)	≤1
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤2
Refractive Index	1.476
Shore Hardness	73D
Functional Group	2

Products Features

Low viscosity with high leveling
High gloss and high reactivity
Fast curing speed and good surface dryness
Good chemical resistance and excellent wetting property

Applications

UV inkjet coatings; UV 3D printing; UV wood coatings; UV varnishes for paper; UV plastic coatings; UV coatings for hardware, etc.

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-6111 has ultra-low viscosity and is especially suitable for solvent-free spray-applied products.

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.