

L-6112 Economical UV Epoxy Resin

Description

L-6112 is an epoxy acrylate resin with fast curing, good surface drying, high gloss, high reactivity, good chemical resistance, and excellent wetting property.

Technical Data

Appearance	Colorless or light yellow transparent liquid
Viscosity (25°C, CPS)	5,000-10,000
Color Value (Gardner)	≤3
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1±0.1
Acid Value (mg KOH/g)	≤5
Refractive Index	1.523
Shore Hardness	73D
Tensile Strength (MPa)(ASTM D882)	11.3
Elongation at Break (%) (ASTM D882)	6.3
Functional Group	2

Products Features

High gloss
High reactivity
Fast curing speed and good surface dryness
Good chemical resistance and excellent wettability

Applications

UV wood coatings; UV varnishes for paper; UV plastic coatings; UV coatings for hardware, etc.

Storage

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-6112 is an economical epoxy resin suitable for mid- low-end products, containing 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.