

L-6131 Heat-Resistant UV-Modified Epoxy Resin

Description

L-6131 is modified epoxy acrylate resin, with characteristics of hard but not brittle, high leveling, high reactivity and non-yellowing. Highly recommended for vacuum coating primers and topcoats, UV varnishes, nail polish basecoat and topcoat, adhesive, silk screen varnish, 3D printing and other light curing field. It can significantly improve the gloss, covering ability, fullness and abrasion resistance of the paint film.

Technical Data

Appearance	Clear transparent liquid
Viscosity (40°C, CPS)	35,000 - 45,000
Color Value (Gardner)	≤1
UV Content (%)	100
Acid Value (mg KOH/g)	≤1
Refractive Index	1.546
Shore Hardness	86D
Functional Group	2

Product Features

High gloss and high film build
Excellent heat and chemical resistance
Strong adhesion and good wettability on various substrates

Applications

UV vacuum metallized primers and topcoats; UV wood coatings; UV inks; UV clear coatings for plastic, 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-6131 features fast curing, high hardness, high film build, and high gloss, with excellent heat resistance.

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.