

L-6135 Green Modified UV Epoxy Resin

Description

L-6135 is a modified flexible epoxy acrylate resin. A flexible long-chain molecule is used to link the epoxy acrylic group, and a certain amount of carboxyl group is synthesized into the block in the long-chain molecule at the same time. It not only retains the advantages of high reactivity, high gloss and low cost of epoxy acrylate resins, but also has more balanced flexibility, and better fullness and brightness. And due to the existence of carboxyl groups, the properties of adhesion, substrate wetting and plating properties will be improved.

Technical data

Appearance	Light green transparent liquid
Viscosity (60°C, CPS)	18,000 - 28,000
Chroma (Gardner)	≤2
UV component (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid value (mg KOH/g)	5 - 7
Refractive index	1.541
Shore hardness	80A
Tensile strength (MPa)(ASTM D882)	25.1
Elongation at break (%) (ASTM D882)	28.7
Functional group	2

Performance

High gloss and fullness
Good adhesion and substrate wetting
Excellent flexibility
Good boiling resistance and good plating ability.

Applications

UV nail polish, UV paper varnish, UV plastic coatings, UV ink, vacuum plating primer, TPU UV coatings, etc.

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 20KG/200KG/barrel

Tips: L-6135 has good flexibility and can be used on many soft substrates, good leveling is its highlight.

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.