

L-6118 Modified Epoxy Resin

Description

L-6118 is modified epoxy acrylate resin, with characteristics of high toughness, coatability, high reflection reactivity etc. It is highly recommended for light curing fields such as coatings, inks, and adhesives. Used in vacuum coating primers, top coats, metal and plastic UV coatings, can enhance the gloss, covering ability and fullness of the paint film, and improve viscosity of the formula system. It can also be used for various adhesive products, improve its cost performance.

Technical data

Appearance	Yellowish clear transparent liquid
Viscosity (60°C, CPS)	6,000 - 8,500
Chroma (Gardner)	≤1
UV component (%)	100
Acid value (mg KOH/g)	≤3
Refractive index	1.541
Shore hardness	72D
Functional group	2

Performance

High fullness, high gloss, high leveling
Fast response, high hardness and good wear resistance
Boiling resistance and good chemical resistance
Good plating properties

Applications

It is widely used in vacuum plating primer, wood and paper soft touch oil, UV ink, UV plastic varnish, 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-6118 has the characteristics of high curing speed, high leveling and high gloss, wettability, plating property, excellent resistance to shrinkage holes etc.

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.