

L-6118 UV Epoxy Resin with Good Metallization Property

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	Slightly yellow, clear transparent liquid
Viscosity (60°C, CPS)	6,000 - 8,500
Color Value (Gardner)	≤1
UV Content (%)	100
Acid Value (mg KOH/g)	≤3
Refractive Index	1.541
Shore Hardness	72D
Functional Group	2

Product Features

High film build, high gloss, and excellent leveling
Fast curing, high hardness, and good wear resistance
Good resistance to boiling water and chemicals
Good metallization performance

Applications

UV vacuum metallized primers and topcoats; UV wood coatings; UV soft-touch varnishes for paper; 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-6118 features high curing speed, excellent leveling, and high gloss, with outstanding wetting, metallization performance, and oil resistance.