

L-6119 High-Film-Build UV Epoxy Resin

Description

L-6119 is a modified epoxy acrylate resin with the characteristics of hardness and flexibility, high gloss, high fullness, and balanced comprehensive performance. It can be widely used in UV plastic spraying, UV wood, UV ink, etc., and has plating properties, and can be recommended for vacuum metallized primer and topcoat.

Technical Data

Appearance	Slightly yellow clear liquid
Viscosity (60°C, CPS)	1000 - 3000
Color Value (Gardner)	≤ 3
UV Content (%)	100
Acid Value (mg KOH/g)	≤ 3
Refractive Index	1.521
Shore Hardness	74D
Functional Group	2

Product Features

High film build, high gloss, and excellent leveling

Good wetting on various substrates

Good metallization performance, excellent toughness, and scratch resistance

Applications

UV vacuum metallized primers and topcoats; UV wood coatings; UV soft-touch varnishes for paper; UV inks; UV clear coatings for plastic; UV nail polish, etc.

Storage Conditions

To prevent the product from being highly active and causing a polymerizing reaction, please seal it and store it away from heat sources and sunlight. The recommended storage temperature is no higher than 30°C. Unused products must be sealed and stored in a timely manner. Do not store them in the open. At 25°C and with ventilation, the safe storage period is 6 months.

20KG/200KG/barrel

Tips: L-6119 features a balanced hardness and toughness, with good leveling and film build.

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.