

L-8416 Adhesion UV Resin for Metal

Description

L-8416 2-functional acrylate modified UV resin, used in UV curing system, it has small shrinkage of cured film and good pigment dispersion; it can provide very good adhesion to various substrates such as stainless steel, tinplate, galvanized sheet, aluminum, water plating, glass, etc.; it is recommended for use in UV vacuum plating, UV metal coating, UV glass coating, UV metal ink etc.

Technical data

Appearance	Clear transparent liquid
Viscosity (25°C, CPS)	15,000-25,000
Chroma (Gardner)	≤2
UV Content	100%
Acid value (mg KOH/g)	≤10
Refractive Index	1.491
Shore Hardness	65D
Functional Group	2

Performance

Good flexibility, good T-bend performance
Low film shrinkage, can significantly increase the adhesion of treated PP, PE, PET, nylon and other plastic substrates
Good pigment wettability and color development

Applications

UV glass ink, UV metal ink, UV plastic ink, UV silk screen character ink, UV vacuum coating, UV metal coating, UV tank wall coating etc.

Storage

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-8416 has good compatibility with various types of UV polyurethane, epoxy and polyester resins.

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.