

## 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
Viscosity (25°C, CPS)	15,000 - 25,000
Color Value (Gardner)	≤ 2
UV Content	100%
Acid Value (mg KOH/g)	≤ 10
Refractive Index	1.491
Shore Hardness	65D
Functional Group	2

### Product Features

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 screen-printing character ink; UV vacuum metallization coating; UV metal coating; UV tank wall coating, 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 per drum

**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.