

## L-8415 Modified Polyester Acrylate

### Description

**L-8415** is modified polyester acrylate, recommended for use in light-curing coating products. It provides very good adhesion, fast curing speed and wetting leveling on various substrates such as stainless steel, tinplate, galvanized sheet, aluminum, water plating, etc.

### Technical Data

Appearance	Light yellow clear transparent liquid
Viscosity (25°C,CPS)	1,200 - 3,500
Color Value (Gardner)	≤ 2
UV Content (%)	100
Acid Value (mg KOH/g)	≤ 5
Refractive Index	1.483
Shore Hardness	55D
Tensile Strength (MPa)(ASTM D882)	0.7
Elongation at Break (%) (ASTM D882)	1.5
Functional Group	2

### Product Features

Outstanding flexibility, with no cracking under forward or reverse impact on metal parts, and passes 1T bending

Excellent adhesion to various plastics and pre-treated substrates such as PP, PE, PET, nylon, tinplate, aluminum, plated surfaces, and water-electroplated surfaces

Strong pigment-wetting and color-development capability.

Low shrinkage, high cure rate.

### Applications

UV inks and varnishes on metal and glass; UV screen printing inks; vacuum plating primer and topcoat

### 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-8415 provides excellent adhesion to tinplate, aluminum, copper, and glass. It features low shrinkage and outstanding T-bend resistance.**

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.