

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
Chroma (Gardner)	≤2
UV component (%)	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

Performance

Excellent flexibility, no cracking on metal parts after positive and negative impact, and can pass 1T bend

Good adhesion to various plastics, treated PP, PE, PET, nylon, PET, metal and water plating

Good pigment wettability and good color development

Low shrinkage, high cure rate.

Applications

UV ink and varnish on metal and glass, UV screen printing ink, vacuum plating primer and topcoat.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature(25°C) and under ventilation.

This product will be packed into 20KG/200KG/barrel

Tips: L-8415 has good adhesion to tinplate, aluminum, copper, glass, etc., has low shrinkage and good T-bending 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.