

L-6054 Adhesion UV Pure Acrylic Resin

Description

L-6054 is a specially modified pure acrylate resin with excellent flexibility, very low shrinkage, strong adhesion to metals, vacuum metallized layer, wood, marble, painted surfaces, and other substrates, excellent compatibility with dyes and color pastes, and good compatibility with UV polyurethane, epoxy, and polyester resins, etc.

Technical Data

Appearance	Light yellow transparent liquid
Viscosity (25°C, CPS)	4,500 - 7,500
Color Value (Gardner)	≤1
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤5
Refractive Index	1.479
Shore Hardness	87A
Functional Group	2

Products Features

Strong adhesion to plastics, especially PMMA, PET/PE, PC, PVC, and PA, ideal for adhesives
Good compatibility with UV polyurethane, epoxy, and polyester resins
Excellent flexibility and reduced shrinkage in UV coatings
Excellent compatibility with dyes and color pastes

Applications

UV electronic adhesives; UV color inks; UV screen printing varnishes; UV adhesives; UV transfer

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 drums.

Tips: L-6054 offers strong adhesion, good compatibility with various UV resins, and reduces system shrinkage, with especially good adhesion to PMMA, PET/PE, PC, PVC, and PA when used in adhesives.

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.