

L-6040 Compatible UV Pure Acrylic Resin

Description

L-6040 is a specially modified pure acrylate resin with excellent flexibility, high curing rate, 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.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	3,500 - 7,000
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	1.459
Shore Hardness	73D
Functional Group	2

Products Features

Good compatibility with UV polyurethane, epoxy, and polyester resin
Excellent flexibility, fast cure rate, and reduce shrinkage in UV coatings
Excellent compatibility with dyes and colorants
Strong adhesion to metals, vacuum metallized layer, acrylic plates

Applications

UV vacuum metallized coatings; TPU UV vacuum metallized coatings; UV high-gloss clear varnishes; UV plastic coatings; UV color inks; UV screen printing varnishes; UV varnishes for

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-6040 has good compatibility with various UV resins and reduces system shrinkage.

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.