

L-6030 Versatile UV Pure Acrylic Resin

Description

L-6030 is a specially modified pure acrylate resin with excellent flexibility, high curing rate, very low shrinkage, strong adhesion to metals, and excellent compatibility with dyes and color pastes.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	20,000 - 35,000
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	1.467
Shore hardness	82D
Functional group	2

Products Features

Excellent flexibility, fast curing speed, and reduced shrinkage in UV coatings

Good interlayer adhesion

Excellent compatibility with dyes and color pastes

Strong adhesion to metals, vacuum metallized layer, acrylic panels

Good compatibility with other UV resins

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-6030 has good compatibility with various UV resins, can significantly improve adhesion to tinplate, aluminum, vacuum metallized layer, acrylic, and other substrates. It also exhibits relatively high hardness.

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.