

L-6020 UV Pure Acrylic Resin

Description

L-6020 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)	3,000 - 5,000
Color Value (Gardner)	≤1
UV Content (%)	95 ± 2
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	≤3
Refractive index	1.461
Shore hardness	57D
Functional group	2

Products Features

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

Good interlayer adhesion

Excellent compatibility with dyes and color pastes

Strong adhesion to metals, vacuum metallized layer, melamine panels, and acrylic panels

Applications

UV vacuum metallized coatings; TPU UV vacuum metallized coatings; UV high-gloss clear varnishes; UV plastic coatings; UV screen printing varnishes; UV varnishes for paper, etc.

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-6020 can significantly improve the adhesion of ink on melamine plates, printed circuit board, acrylic plates and other substrates.

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.