

L-6010 Cost-effective UV-curable Pure Acrylic Resin

Description

L-6010 is a specially modified pure acrylic resin with excellent flexibility, strong adhesion, and very low shrinkage. It demonstrates good adhesion to PVC, paper, and wood, and excellent compatibility with dyes and color pastes.

Technical Data

Appearance	Light yellow transparent liquid
Viscosity (25°C, CPS)	28,000 - 48,000
Color Value (Gardner)	≤1
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	8 - 20
Refractive index	1.493
Shore hardness	58D
Functional group	2

Product Features

Excellent flexibility and low shrinkage for UV coatings

Good interlayer adhesion

Excellent compatibility with dyes and color pastes

Strong adhesion to PVC, melamine panels, acrylic panels, paper, wood and other substrates

Applications

UV plastic coatings; UV screen printing varnishes; PVC UV inks; PVC UV varnishes; UV

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-6010 is cost-effective and can significantly improve the adhesion of ink on PVC, paper, 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.