

L-8462 Dual-Cure UV Resin for Nail Extensions

Description

L-8462 is a special modified UV polyurethane resin that contains a certain amount of hydroxyl groups and can be combined with isocyanate to form dual-curing coatings.

Technical Data

Appearance	Colorless or slightly yellow transparent liquid
Viscosity (25°C, CPS)	10,000 - 20,000
UV Content (%)	85 ± 2
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 10
OH Value (solid content)	60 mg KOH/g
Refractive Index	1.492
Functional Group	3

Product Features

Contains hydroxyl groups and can be used as dual-curing UV glue

High gloss, good leveling, good transparency

After baking, the surface has good slipperiness and a certain degree of stretchability.

After light curing, the surface has high hardness, good scratch resistance and alcohol resistance.

Applications

Dual-cure UV coatings and adhesives for plastic substrates; UV nail gel, 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 per drum

Tips: L-8462 has high gloss, good transparency, high surface hardness, and good slippery feel. It is very suitable for semi-cured / pre-cured wearable nail patch.

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.