

L-8442 UV Resin for Colored Nail Gel Polish

Description

L-8442 is a special modified polyurethane UV resin with excellent flexibility, low odor, excellent yellowing resistance, good toughness, fast curing speed, low heat release while 60 seconds under LED irradiation, good stability as UV color gel, good color retention, etc. It can be widely used in various UV nail gel, UV adhesive glue and other fields.

Technical data

Appearance	Colorless or slightly yellow transparent liquid
Viscosity (60°C, CPS)	3500 - 6000
Color Value (Gardner)	≤ 1
UV Content (%)	100
Acid Value (mg KOH/g)	≤ 3
Refractive Index	1.551
Shore Hardness	87D
Functional Group	2

Product Features

Low odor, low LED heat release, good stability, good color retention

Excellent flexibility and toughness

Fast curing speed, good yellowing resistance

Applications

Widely used in UV ink, UV plastic varnish, UV nail polish, UV adhesive, 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-8442 has the characteristics of low odor, fast curing speed and low LED heat release.

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.