

L-8442 UV resin for nail polish color gel

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 nail polish color gel, good color retention, etc. It can be widely used in various UV nail polish, UV adhesive glue and other fields.

Technical data

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

Performance

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

To prevent the product from being highly active and causing a polymerizing reaction, please seal it and store it away from heat sources and sunlight. The recommended storage temperature is no higher than 30°C. Unused products must be sealed and stored in a timely manner. Do not store them in the open. At 25°C and with ventilation, the safe storage period is 6 months.

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.