

L-8442A UV resin for nail polish color gel

Description

L-8442A is a special modified polyurethane UV resin with excellent flexibility, excellent yellowing resistance, good toughness, fast curing speed, lower heat release than L-8442 under 60 seconds LED irradiation, and better yellowing resistance. It can be widely used in various UV nail polish, UV adhesive and other fields.

Technical data

Appearance	Colorless or slightly yellow transparent liquid
Viscosity (60°C, CPS)	1000-2500
Chroma (Gardner)	≤1
UV content (%)	100
Acid value (mg KOH/g)	≤3
Refractive Index	1.536
Shore Hardness	89D
Functional Group	2

Performance

Low odor, low LED heat release
Excellent flexibility and toughness
Fast curing speed, good yellowing resistance

Applications

Widely used in UV ink, UV plastic overprinting, 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-8442A has a slightly stronger odor than L-8442, better yellowing resistance, and lower 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.