

L-6241 Low odor LED UV polyurethane resin

Description

L-6241 is a special modified aliphatic UV polyurethane resin with low odor, low viscosity, strong dilution ability, fast LED curing speed and good wettability. It has good adhesion to various substrates (such as glass, PVC) and is very suitable for UV system products with high environmental protection requirements.

Technical data

Appearance	Colorless or light yellow transparent liquid
Viscosity (25°C, CPS)	20-50
Chroma (Gardner)	≤1
UV content	100
Density (g/cm³, 25°C)	1.1±0.2
Acid value (mg KOH/g)	≤1
Refractive Index	1.464
Shore Hardness	87A
Elongation at break (%) (ASTM D882)	20
Functional Group	2

Performance

Low odor, low viscosity
Fast LED curing speed, low shrinkage
Good toughness, good film formation
Good adhesion to various substrates

Applications

UV adhesives, 3D UV printing, UV nail gel, UV ink and other products with high environmental protection requirements.

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.
25KG/200KG/barrel

Tips: L-6241 is a LED curing, fast speed, low odor and environmentally friendly UV polyurethane resin.

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.