

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
Color Value (Gardner)	≤1
UV Content (%)	100
Density (g/cm ³ , 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 resins; UV nail gel; UV inks and other products with high environmental protection requirements.

Storage

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 drums.

Tips: L-6241 is an eco-friendly UV polyurethane with fast LED curing speed and low odor.

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.