

L-6201 Economical 2-functional Polyurethane

Description

L-6201 is an aliphatic 2-functional polyurethane with low cost, excellent flexibility, fast curing rate, good leveling, non-yellowing and other advantages.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	55,000-85,000
Color Value (Gardner)	≤1
UV Content (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid Value (mg KOH/g)	≤3
Shore Hardness	70D
Tensile Strength (MPa)(ASTM D882)	32.5
Elongation at Break (%) (ASTM D882)	2
Functional Group	2

Product Features

Good leveling and yellowing resistance
Good flexibility and toughness
Good adhesion, good surface dryness
High reactivity, suitable for LED curing

Applications

UV varnishes; UV plastics coatings; UV paper coatings; UV wood coatings; UV 3D printing resins; UV texture transfer coatings; UV DIY glues; and UV protective glues for various substrates.

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 drums.

Tips: L-6201 is a low-cost UV resin with good flexibility, resistance to yellowing, and suitable for LED curing.

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.