

L-61012 Low Viscosity UV Polyurethane Resin

Description

L-61012 is an aliphatic monofunctional urethane acrylate with ultra-low viscosity, good flexibility, fast curing rate, good surface dryness and good water solubility.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	12 - 28
Color Number (APHA)	≤ 60
UV Content (%)	100
Density (25°C, g/cm ³)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 2
Functional Group	1

Performance

Ultra-low viscosity

Fast curing speed

Good flexibility and good tear resistance

Water-soluble, suitable as a monomer for water-based UV systems

Applications

UV inkjets; UV 3D printing resins; UV adhesives UV tearable films; UV varnishes; UV plastic coatings; UV elastic coatings, etc.

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: 25 kg / 200 kg per drum

Tips: L-61012 has ultra-low viscosity, fast curing speed, low odor, good water solubility.

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.