

L-6105 Low-viscosity, High-elasticity UV Polyurethane Resin

Description

L-6105 is a specially modified UV-curable polyurethane resin featuring ultra-low viscosity, high elasticity, fast curing speed, excellent chemical resistance, good wetting properties, low volatility, and low irritation. It exhibits strong adhesion to a wide range of substrates, making it ideal for adjusting flexibility, adhesion, and viscosity in highly flexible UV systems.

Technical Data

Appearance	Colorless or pale yellow transparent liquid
Viscosity (25°C, CPS)	18 - 35
Color Number (APHA)	≤ 20
UV Content (%)	100
Density (25°C, g/cm ³)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 2
Functional Group	1

Product Features

Ultra-low viscosity with excellent leveling
High elasticity and flexibility
Good chemical resistance and wetting properties
Low volatility and low irritation

Applications

UV adhesives; 3D UV printing resins; UV metal coil coatings; UV soft coatings, etc.

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: 25 kg / 200 kg per drum

Tips: L-6105 is a mono functional UV polyurethane resin with low irritation, fast reactivity, ultra-low viscosity and good flexibility.

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.