

L-6106 Ultra-Eco-Friendly UV Polyurethane Resin

Description

L-6106 is a specially modified aliphatic UV polyurethane resin featuring low odor, no irritation, low viscosity, fast curing speed, excellent chemical resistance, good wetting properties, and low volatility. It exhibits strong adhesion to a wide range of substrates, making it ideal for UV system products with high environmental requirements.

Technical Data

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| Appearance | Colorless or light yellow transparent liquid |
| Viscosity (25°C, CPS) | 35 - 80 |
| Color Number (APHA) | ≤ 20 |
| UV Content (%) | 100 |
| Density (25°C, g/cm³) | 1.1 ± 0.1 |
| Acid Value (mg KOH/g) | ≤ 1 |
| Functional Group | 2.2 |

Product Features

Low odor and very low skin irritation
Fast curing speed
Excellent chemical resistance and wetting properties

Applications

Products with high environmental protection requirements such as UV adhesives, 3D UV printing resins, UV nail polish 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: 20 kg / 200 kg per drum

Tips: L-6106 has low viscosity, odorless, non-irritating, fast curing, highly environmentally friendly.

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.