

L-6606 Wear-resistant 6-Functional UV Polyurethane Resin

Description

L-6606 is a wear-resistant hexafunctional aliphatic polyurethane acrylate resin. The product features high hardness, high gloss, excellent abrasion resistance, fast curing, good adhesion, low yellowing, and outstanding flow properties.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	32,000 - 55,000
Color Value (Gardner)	≤ 1
UV Content (%)	100
Density (25°C, g/cm³)	1.1±0.1
Acid Value (mg KOH/g)	≤ 2
Refractive Index	1.49
Shore Hardness	85D
Functional Group	6

Product Features

Low viscosity with excellent leveling
High hardness and gloss
High curing rate
Good adhesion

Applications

UV high-gloss varnishes; UV plastic coatings; UV screen printing varnishes; UV3D printing ; UV adhesives; film hardening fluid, 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 / 25kg / 200 kg per drum.

Tips: L-6606 is a hexafunctional polyurethane resin with excellent abrasion resistance, good flexibility, and well-balanced overall performance.

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.