

L-6606D Tin-free 6-functional UV Polyurethane Resin

Description

L-6606D is a highly cost-effective hexafunctional urethane acrylate resin free of organotin compounds. The product features high hardness, high gloss, excellent abrasion resistance, fast curing, good adhesion, low yellowing, and excellent flow properties, etc.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	25,000-35,000
Color Value (Gardner)	≤ 1
UV Content (%)	100
Density (25°C, g/cm³)	1.1±0.1
Acid Value (mg KOH/g)	≤ 5
Refractive Index	1.49
Shore Hardness	85D
Functional Group	6

Product Features

High leveling, high hardness, high gloss
High cure rate
Good adhesion
Organotin free

Applications

Film hardening solutions; UV high-gloss varnish; UV plastic coating; UV screen printing varnish; and related UV coating applications.

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-6606D is a hexafunctional polyurethane resin with well-balanced overall performance, free of organotin compounds, making it an ideal choice for high-quality UV coatings.

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.