

L-6600A Non-Yellowing 6-Functional UV Polyurethane Resin

Description

L-6600A is a non-yellowing six-functional polyurethane acrylate resin. The product has the advantages of high hardness, high brightness, high wear resistance, high curing rate, good adhesion, non-yellowing, and excellent properties.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	3,000 - 8,000
Color Value (Gardner)	≤ 1
UV Content (%)	100
Density (25°C, g/cm³)	1.1 ± 0.1
Acid Value (mg KOH/g)	2-8
Refractive Index	1.493
Shore Hardness	85D
Functional Group	6

Product Features

Excellent weather resistance and high yellowing resistance, with good QUV light durability
High hardness, high gloss, excellent abrasion resistance, combined with good flexibility
Fast curing
Good adhesion
Outstanding leveling

Applications

UV high-gloss varnishes; UV plastic coatings; UV screen printing varnishes; UV 3D printings; UV adhesives; PVC flooring, 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-6600A is an aliphatic, six-functional polyurethane with excellent yellowing resistance 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.