

L-6601A Economical 6-functional UV Polyurethane Resin

Description

L-6601A is a highly cost-effective aliphatic 6-functional polyurethane acrylate resin with high reactivity, good hardness, low shrinkage. The cured coatings has advantages of solvent resistance, scratch resistance, abrasion resistance and good hardness, but its yellowing resistance and weather resistance are ordinary.

Technical data

Appearance	Colorless transparent liquid
Viscosity (60°C,CPS)	4,000 - 10,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	≤1
Refractive index	1.547
Shore hardness	85D
Functional group	6

Performance

High cure rate with low shrinkage
High leveling, high fullness, high viscosity
High hardness and flexibility
Good adhesion, good temperature resistance

Applications

Especially suitable for UV high-gloss varnish on various plastic substrates and plastic silver powder paint, UV plastic coating, UV silk screen varnish, UV vacuum plating finish, UV 3D printing, UV glue, etc.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature(25°C) and under ventilation.
This product will be packed into 20KG/200KG/barrel

Tips: L-6601A is the most cost-effective model among all 6 functional groups aliphatic polyurethane acrylate resin, with good wear resistance and temperature resistance.

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.