

L-6900 High Cost-effective UV Polyurethane Resin

Description

L-6900 is a 9-functional aliphatic polyurethane acrylate resin with high reactivity and high cross-linking density. The cured coating has excellent solvent resistance, scratch resistance and wear resistance, high hardness, tough but not brittleness, and yellowing resistance. Especially suitable for UV coatings with high requirements on scratch resistance and wear resistance, UV anti-graffiti coatings, and UV anti-scratch inks.

Technical data

Appearance	Colorless transparent liquid
Viscosity (60°C,CPS)	9,000 - 16,000
Chroma (Gardner)	≤2
UV component (%)	≥98
Density (g/cm ³ ,25°C)	1.1±0.1
Acid value (mg KOH/g)	≤2
Refractive index	1.494
Shore hardness	87D
Functional group	9

Performance

High weather resistance, high yellowing resistance, good QUV lamp resistance
High hardness, high gloss, and good flexibility
High wear resistance, high scratch resistance

Applications

UV high-gloss varnish, UV plastic coating, UV screen printing varnish can also be used in primers and topcoats for metal and vacuum coatings, PVC surface coating varnish, paper, wood and other UV coatings and UV inks.

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/25KG/200KG/barrel

Tips: L-6900 has fast reaction speed, good wear resistance, tough but not brittle, and high cost 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.