

L-6902 Steel Wool Resistant UV Polyurethane Resin

Description

L-6902 is a 15-functional polyurethane acrylic oligomer with high reactivity, high crosslinking density, excellent solvent resistance, abrasion resistance and wear resistance, good steel wool resistance, high hardness, appropriate flexibility, yellowing resistance and weather resistance. Especially suitable for anti-scratch, UV coating, UV anti-graffiti coating, UV anti-scratch ink with high abrasion resistance. It has excellent adhesion to various plastic substrates such as PC, ABS, PMMA, PET (surface treatment), and TAC.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C,CPS)	35,000 -75,000
Chroma (Gardner)	≤2
UV component (%)	≥98
Density (g/cm³,25°C)	1.1±0.1
Acid value (mg KOH/g)	≤2
Refractive index	1.492
Shore hardness	88D
Functional group	15

Performance

High weatherability, yellowing resistance and good QUV lamp performance.

High curing rate, high hardness, high gloss and good flexibility.

High abrasion resistance and high scratch resistance

Steel wool resistance over 5000 times.

Applications

Suitable for UV high-gloss varnish and UV screen printing varnish on various plastic substrates and plastic silver paint, and can also be applied to the primer and topcoat of metal and vacuum coating, PVC surface varnish, paper, wood and other UV coatings and UV ink, etc., especially suitable for various UV anti-graffiti coatings.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature(25°C) and under ventilation. 20KG/200KG/barrel

Tips: L-6902 has fast reaction speed, good abrasion resistance and steel wool resistance over 5000 times.

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.