

L-6902X Inorganic Hybrid UV Polyurethane Resin

Description

L-6902X is an inorganic hybrid urethane acrylate resin with high reactivity, high crosslink density, low shrinkage, scratch resistance and abrasion resistance, good steel wool resistance, high hardness. Especially suitable for scratch resistance, UV coatings, UV resistance, graffiti paint, UV scratch resistant ink with high abrasion resistance requirements. 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)	500 - 1,800
Chroma (Gardner)	≤2
UV component (%)	≥88
Density (g/cm³,25°C)	1.1±0.1
Acid value (mg KOH/g)	≤2
Refractive index	1.471
Shore hardness	88D

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 more than 5000 times.

Applications

Suitable for UV high-gloss varnish and UV screen printing varnish on various plastic substrates and plastic silver powder paint, and can also be applied to the primer and topcoat of metal and vacuum coating, PVC surface coating varnish, paper, wood and other UV coatings and UV inks, etc., are especially suitable for various UV anti-graffiti and steel wool UV 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/25KG/200KG/barrel

Tips: L-6902X has fast reaction speed, good abrasion resistance, good scratch 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.