

L-6905E Anti-fouling Wear-resistant UV Resin

Description

L-6905E Fluorocarbon modified high-reactivity UV resin, it has good wear resistance (steel wool resistance), good anti-graffiti and anti-fingerprint effects, high transparency, high hardness, good toughness, hard but not brittle. Recommended for electronic products, surface hardening treatment for various PMAA, PET, PC, metal substrate etc., providing high stain resistance and high wear resistance performance.

Technical data

Appearance	Light milky white liquid
Viscosity (25°C, CPS)	1,500 - 3,800
Density (g/cm ³ , 25°C)	1.1±0.1
UV component (%)	90±2
Acid value (mg KOH/g)	1
Refractive index	1.484
Shore hardness	88D
Functional group	15

Performance

Good leveling and good transparency

Good anti-graffiti effect, water drop contact angle above 105 degrees

Resistant to 0000# steel wool, 3000 times without trace (under 1cm*1cm head, 1KG load)

Good toughness, hard but not brittle

Applications

High-requirement UV coating, mobile phone anti-graffiti UV coating, plastic anti-graffiti UV coating, drenching UV coating, all kinds of steel wool UV coating, film hardening fluid, 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-6905E has good anti-fouling effect, is resistant to steel wool. After 3,000 times steel wool test, the water drop contact angle is still over 100 degree. L-6905E is softer than L-6905C-9.

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.