

## L-6905C-9 High-Hardness, Steel Wool Resistant UV-Curable Resin

### Description

**L-6905C-9** Fluorocarbon-modified high-reactivity UV resin, which has good steel wool resistance, anti-graffiti, anti-fingerprint, hardening wear resistant effect, and has characteristics of high transparency, high hardness and toughness. Hard but not brittle.

### Technical data

Appearance	Light milky white liquid
Viscosity (25°C, CPS)	3,000 - 6,000
UV Content (%)	98±2
Density (g/cm <sup>3</sup> , 25°C)	1.1±0.1
Acid value (mg KOH/g)	≤1
Refractive index	1.487
Shore hardness	88D
Functional group	15

### Product Features

High leveling, high fullness, high transparency

Good anti-graffiti effect, water drop contact angle above 108°

Resistance to 0000# steel wool, 5000 times no trace (1cm\*1cm head, load 1KG)

Good toughness, hard but not brittle.

### Applications

Recommend high-end electronic products, surface hardening treatment of various substrates such as PMAA, PET, PC, metal, etc. High-requirements curtain UV coating for mobile phones, tablets, computers and other 3C electronic products, plastic anti-graffiti UV coatings, various steel wool-resistant UV coatings, etc.

### Storage Conditions

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-6905C-9 has full solid content, high transparency, good anti-stain effect, good steel wool resistance. After 5,000 times steel wool test, the water drop contact angle is still over 100 degree.**

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.