

## L-6905C-10 Cost-Effective, Steel Wool Resistant UV-Curable Resin

### Description

**L-6905C-10** is a fluoro-modified UV resin offering excellent steel-wool resistance, enhanced hardness and abrasion resistance, anti-graffiti and anti-fingerprint performance. It provides high transparency, high hardness, and a hard-vet-tough profile, delivering hardness without brittleness.

### 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	1.488
Shore Hardness	86D
Functional Group	15

### Product Features

High leveling, high fullness, high transparency

The anti-graffiti effect is good, and the water drop angle is above 105°

Resistant to #0000 steel wool; 4000 cycles without visible scratching (1 cm × 1 cm abrasion head, 1 kg load)

High hardness (PC: H; PET: 3H; PMMA: 5H or above)

### Applications

Recommended for surface hardening, abrasion resistance, stain resistance, and scratch resistance treatments on building panels, decorative films, PVC flooring, composite boards, and various substrates such as PMMA, PET, and PC. Suitable for use in UV coatings and related applications.

### Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 200 kg per drum

**L-6905C-10 has high transparency, good anti-fouling effect, and is resistant to steel wool for more than 4,000 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.