

## L-6904 Easy Matting 9-Functional UV Polyurethane

### Description

**L-6904** Fluorocarbon modified UV polyurethane resin has good wrapping properties for matte powder, is easy to matt, hard but not brittle, good leveling, and high reactivity. It is used for UV coatings such as vacuum coating topcoats, metal varnish and plastic varnish. When used in SPC floor coatings, it can significantly improve soft touch skin feel, covering power, fullness, and improve wear resistance of the coating.

### Technical Data

Appearance	Colorless or light yellow transparent liquid
Viscosity (25°C, CPS)	4,000 - 8,000
Density (g/cm <sup>3</sup> , 25°C)	1.02 ± 0.05
UV Content (%)	98
Acid Value (mg KOH/g)	≤ 1
Refractive Index	1.487
Shore Hardness	88D
Functional Group	9

### Product Features

Good moisturizing and wrapping properties for matte powder, and easy matting  
Good toughness and excellent wear resistance  
Excellent anti-fouling/stain performance and good surface smoothness

### Applications

Widely used in SPC flooring; PVC flooring; PET soft touch ink; UV texture transfer coating; soft touch UV paint; UV plastic coating, etc.

### 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 / 25kg / 200 kg per drum

**Tips: L-6904 is easy to matt, has good wear resistance, good soft touch skin feel and good stain resistance.**

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.

2025/10/01