

## L-6367-3 Yellowing Resistance Excimer UV Polyurethane Resin

### Description

**L-6367-3** is a highly reactive 3-functional UV polyurethane resin specifically designed for short-wavelength excimer UV spectra (172 nm, 222 nm, 254 nm). Upon excimer activation, the cured coating forms a fine, soft, elastic matte finish with excellent scratch resistance and yellowing resistance.

### Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	3,500 - 6,000
UV Content (%)	100
Density (25°C,g/cm³)	1.03±0.05
Acid Value (mg KOH/g)	≤1
Refractive Index	1.521
Shore Hardness	55A
Tensile Strength (MPa)(ASTM D882)	0.85
Elongation at Break (%) (ASTM D882)	49.5
Functional Group	3

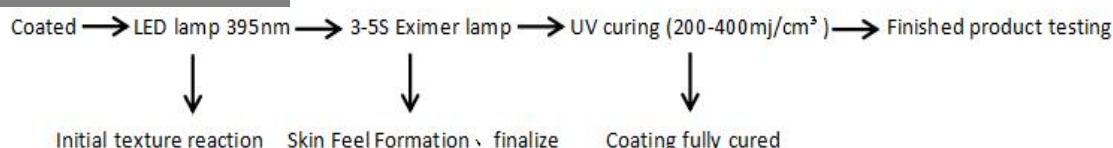
### Test Formula (254nm band)

L-6367-3	73
Lencolo 5005 (BP)	5
Lencolo 5006 (184)	1
L-61016 (9EOTM)	6
L-61024 (HDDA)	10
Matte Powder	5
Total	100

### Product Features

Soft touch skin feel  
Excellent scratch resistance  
Excellent recoating properties  
Superior yellowing resistance

### Construction Process



## Applications

Recommended for leather, PU, ABS, PC, PET and various plastic films, as well as coated paper surfaces requiring a soft, skin-like touch and decorative matte finish.

## Storage Conditions

1. Ensure that the UV coating absorbs sufficient UV energy to achieve complete curing; insufficient curing may affect coating performance.
2. Do not pour unused material back into the original container. 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. Recommended storage temperature:  $\leq 30^{\circ}\text{C}$ . Unused portions should be sealed promptly and not left open. Under room temperature ( $25^{\circ}\text{C}$ ) and ventilated conditions, the safe shelf life is 6 months.

Packaging: 20KG / 200KG per drum

**Tips: L-6367-3 offers good flexibility, excellent yellowing resistance, and high compatibility. It can also be used in combination with highly elastic multifunctional polyurethane resins.**

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.