

L-6367-1 Excimer UV Polyurethane Resin

Description

L-6367-1 3-functional UV polyurethane resin. The short-wavelength 172nm, 222nm, and 254nm ultraviolet excimer spectrum excites highly reactive 3-functional UV resin. The surface of the excited resin coating can form a delicate, soft, elastic and matte skin effect, and has excellent scratch resistance.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	2,500 - 3,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (25°C,g/cm³)	1.03±0.05
Refractive index	1.481
Shore hardness	81A
Tensile strength (MPa)(ASTM D882)	1.6
Elongation at break (%) (ASTM D882)	8.7
Functional group	3

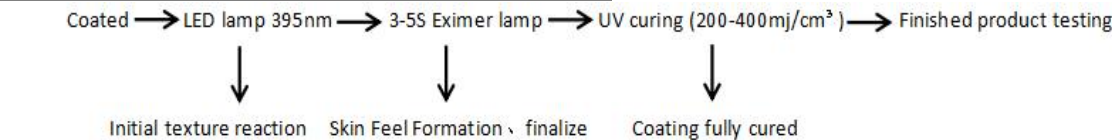
Test formula (254nm band)

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

Performance

Soft touch skin feel;
Excellent scratch resistance;
Does not affect repainting;
Wrinkles quickly.

Construction process



Applications

Recommended to be used in leather, PU, ABS, PC, PET and other plastic films and paper coating decorative surfaces to achieve soft touch skin feel.

Precaution and Storage

1. Ensure that the UV coating absorbs sufficient UV energy to achieve the best curing effect, otherwise it will easily affect the coating performance.
 2. The remaining oil cannot be poured back into the original packaging. Please keep it sealed and away from light and stored. Safe storage period is 6 months at room temperature(25°C) and under ventilation.
- This product will be packed into 20KG/200KG/barrel

Tips:L-6367-1 has good compatibility, flexibility, and fast wrinkling speed. It can also be used with elastic high-functional polyurethane resin.

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.