

L-6367-6 Rapid Wrinkling Excimer Resin

Description

L-6367-6 4-functional UV polyurethane resin. This resin can wrinkle quickly after being excited by the short-wavelength 172nm, 222nm, and 254nm ultraviolet excimer spectrum. It has fine texture, soft and elastic sof touch skin feel. The resin has a good balance of hardness, softness and elasticity, and has excellent scratch resistance on the surface after curing.

Technical data

Appearance	Clear transparent liquid
Viscosity (25°C, CPS)	400-1,500
UV component (%)	100
Density (25°C,g/cm³)	1.01±0.05
Acid value (mg KOH/g)	0.26
Refractive index	1.478
Shore hardness2)	98A
Functional group	4

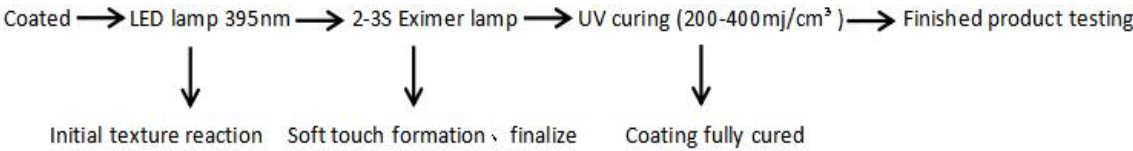
Test formula (254nm band)

L-6367-6	67
Lencolo 5006 (184)	5
Lencolo 5029 (MBF)	2
Lencolo 5007 (TPO)	0.1
L-61016 (9EOTM)	20
Matte powder	5
Lencolo 2190 (defoaming agent)	0.2
Lencolo 5003B (soft touch agent)	0.7
Total	100

Performance

Yellowing resistance
Skin feels soft and elastic
Excellent scratch resistance
Does not affect repainting

Construction process



Applications

Decorative excimer soft touch skin feel coatings on the surfaces of PU, ABS, PC, PET, various plastic films, leather, paper, wood, etc.

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 25KG/200KG/barrel

Tips:L-6367-6 has excellent compatibility and fast wrinkling speed. The texture formation speed and size of the wrinkles can be adjusted by adjusting monofunctional monomers and 2-functional monomers.

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.