

L-6367-4 Cost-effective Excimer UV Polyurethane Resin

Description

L-6367-4 highly reactive 3-functional UV polyurethane resin is excited by short-wavelength 172nm, 222nm and 254nm ultraviolet excimer spectrum. The surface of the activated resin coating can form a delicate, soft and elastic matte soft touch skin effect, as well as excellent scratch resistance and yellowing resistance.

Technical data

Appearance	Thick transparent liquid
Viscosity (25°C, CPS)	23,500-24,500
UV component (%)	100
Density (25°C,g/cm³)	1.00±0.05
Refractive index	1.517
Shore hardness	75D
Tensile strength (MPa)(ASTM D882)	18.3
Elongation at break (%) (ASTM D882)	2.3
Functional group	3

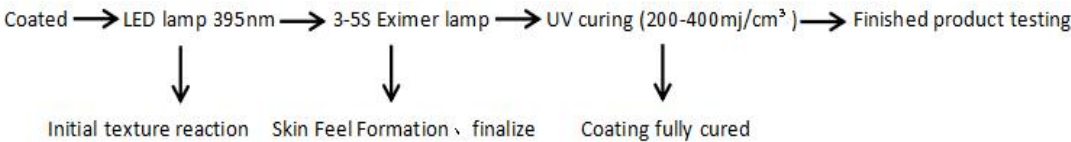
Test formula (254nm band)

L-6367-4	70
Lencolo 5005（BP）	5
Lencolo 5029（MBF）	1
L-61016（9EOTM）	9
L-61024（HDDA）	10
Matte powder	5
Total	100

Performance

- Soft skin feel
- Excellent scratch resistance
- Does not affect repainting

Construction process



Applications

Coating decorative surfaces on various plastic films and papers such as PU, leather, ABS, PC, PET, etc. to achieve the soft 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-6367-4 has fast flowering speed and excellent compatibility. 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.

Page 1 , Total 1