Lencolo®
蓝柯路

TDS

2025/10/01

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

Description

L-6367-4 highly reactive 3-functional UV polyurethane resinthat can be rapidly activated under short-wavelength excimer UV spectra (172 nm, 222 nm, 254 nm), producing a fine, soft, elastic matte finish with excellent scratch resistance.

Technical Data

Appearance	Viscous transparent liquid
Viscosity (25ºC, CPS)	18,000-20,000
UV Content (%)	100
Density (25ºC,g/cm³)	1.00±0.05
Acid Value (mg KOH/g)	≤1
Refractive Index	1.517
Shore Hardness	75D
Tensile Strength (MPa)(ASTM D882)	18.3
Elongation at Break (%)(ASTM D882)	2.3
Functional Group	3

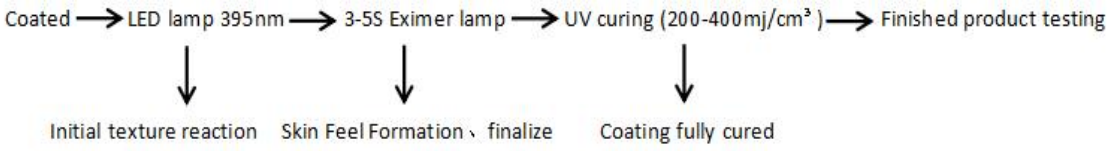
Test Formula (254nm band)

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

Product Features

Soft skin feel;
excellent scratch resistance
Good recoating compatibility

Construction Process



Applications

Provides a soft, skin-like touch on coated surfaces of PU, leather, ABS, PC, PET films, and paper.

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: ≤30°C. Unused portions should be sealed promptly and not left open. Under room temperature (25°C) and ventilated conditions, the safe shelf life is 6 months.
Packaging: 25KG / 200KG per drum

Tips:L-6367-4 exhibits fast wrinkle formation, excellent compatibility, and 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.