

L-6367-2 Excimer UV Polyurethane Resin for Spray Coatings

Description

L-6367-2 is a 3-functional UV excimer resin with ultra-low viscosity, yellowing resistance, water resistance, flexibility and elasticity and other well-balanced properties. It can be used as the main resin in low-viscosity coatings or full-solid low-viscosity inks. Used in skin-like coatings and skin-like inks with short-wavelength 172nm, 222nm, and 254nm ultraviolet excimer spectra; it can quickly stimulate a more delicate, soft, elastic and matte skin effect, and has excellent anti-scratch properties.

Technical Data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	200-400
UV Content (%)	100
Density (25°C,g/cm³)	1.00±0.05
Refractive Index	1.482
Shore Hardness	72D
Functional Group	3

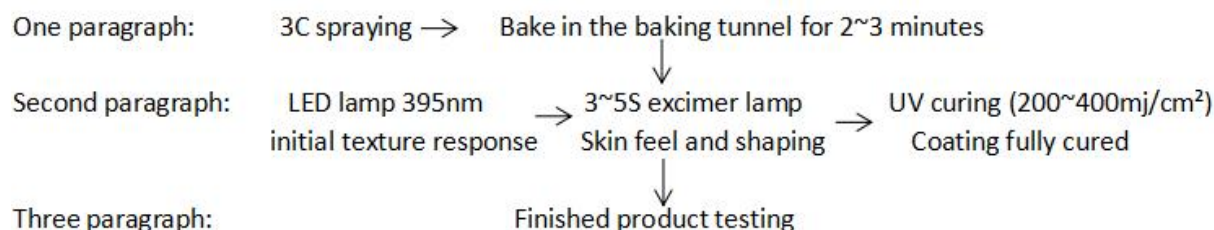
Test Formula (254nm band)

Excimer UV Spray Topcoat		Diluent	
L-6367-2	47.2	EAC	50
L-6290	7	BAC	40
L-6129	10	PMA	10
Lencolo 5007 (TPO)	0.15	Total	100
Lencolo 5006 (184)	0.35		
matte powder	4.3		
Lencolo 3157	1		
Diluent	30		
Total	100		

Product Features

Ultra low viscosity
Soft and delicate skin feel
Uniform matting, fast wrinkle formation
Good recoating compatibility

Construction Process



Applications

Provides a soft, skin-like touch on coated surfaces of PU, leather, ABS, PC, PET films, and paper. Widely used for the surface decoration of 3C electronic products, automotive interiors, home appliances, and home furnishings.

Precaution & Storage

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°C) and ventilated conditions, the safe shelf life is 6 months.

Packaging: 25KG / 200KG per drum

Tips: L-6367-2 exhibits fast wrinkle formation, excellent compatibility, no precipitation at low temperatures, and a delicate skin-like feel. Suitable for roller coating applications

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.