

L-1251 RCA Resistant PU Resin

Description

L-1251 is an acrylic copolymer containing OH groups. When combined with non-yellowing isocyanate at room temperature, it can be made into a two-liquid system with good construction performance, good arrangement of silver powder, and excellent matching performance. It is very suitable for making two-liquid silver powder. Paint, pearlescent powder paint, has excellent physical and chemical properties and pigment dispersion, and can also be used to make solid color paint. In particular, it has good RCA resistance, up to about 200 turns, and has good adhesion to ABS, PC, PC fiber reinforced, PMMA, fiberglass, various metals and other substrates.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	5,000 - 12,000
Solid content %	50±2
OH value (solid content)	80 mgKOH/g
OH % (solid content)	2.4
Acid value (solid)	6 mgKOH/g

Performance

Quick drying, high hardness, high RCA resistance, good compatibility with CAB, good silver powder arrangement, and good inter-layer adhesion.

Reference formula

Aluminum paint		Thinner	
L-1251 resin	60	Xylene	45
T-12 (drier)	0.1	Ethyl acetate	20
20%CAB381-2	10	Butyl acetate	25
Aluminum silver paste	7	PMA	10
Lencolo 3108	0.3		
Thinner	22.6		

Curing agent: N3390 75

Main agent: Curing agent: Thinner =7 : 1 : (5~8)

Applications

Two-component PU varnish or solid color paint and flash paint for various metals and plastics.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature(25°C) and under ventilation. 20KG/25KG/200KG/barrel

Tip: L-1251 has good RCA resistance, up to 200 cycles, and can be used for products with high wear resistance requirements.

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.