

L-5100 Rubber Paint Resin with RCA Resistance

Description

L-5100 is a polyester polyol polymer with unique elongation, good adhesion to the substrate, scratch resistance, wear resistance, RCA resistance and other characteristics.

Technical Data

Hydroxyl Content %	1.8 ± 0.2
Viscosity (25 °C,CPS)	3,500 - 5,000
Solid Content %	≥ 98
Density (g/cm³,25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	6

Application

Elastic touch paint, resistant to RCA requirements of more than 50 turns.

Reference Formula

A Component		B Component		C Component	
Composition	Percentage	Composition	Percentage	Composition	Percentage
L-5100	37	N-3390	80	Ethyl ester	50
T-12	0.2	Butyl ester	20	Toluene	30
Lencolo 5002	2			PMA	20
Lencolo 1105	0.3				
Lencolo 8945	0.1				
OK-520 matting powder	7.4				
Butyl ester	15				
Ethyl ester	15.6				
MIBK	10.3				
PMA	12				

Recommended Usage

1. Construction ratio: A component : B component: C component = 10 : 2 : (2~4)
2. Construction viscosity: ≥ 9.0 seconds
3. Construction film thickness: 35~45um
4. Drying conditions: 70°C×30min (finger touch dry time: 70°C, 10min)
5. Others: Bake at 80°C×60min, then place it for 24 hours, and then perform performance test (such as alcohol resistance, RCA resistance, salt spray/hand sweat resistance, etc.)

Storage Conditions

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. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 25kg / 200 kg per drum

Tips: L-5100 exhibits stable RCA resistance up to 50 cycles.

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.