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 ºC,CPS)	5,000 - 7,000
Solid content %	≥98
Density (g/cm³,25ºC)	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				

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

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(25ºC) and under ventilation. 20KG/25KG/200KG/barrel

Tips: L-5100 is stable with 50 turns of RCA resistance.

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.