

L-5200 Anti-blocking, RCA-resistant Resin for Rubber Paints

Description

L-5200 It is a polyester polyol polymer with unique elongation, good adhesion to substrates, scratch resistance, abrasion resistance, RCA resistance, anti-sticking and other characteristics.

Technical Data

Hydroxyl Content (%)	4.0 ± 0.2
Viscosity (25 °C, CPS)	1,500 - 2,800
Solid Content %	80 ± 2
Density (g/cm ³ , 25°C)	1.0 ± 0.05
Acid Value (mg KOH/g)	4

Application

Elastic soft touch paint, product requires RCA resistance over 150 rds

Reference Formula

A component	Percentage	B component	Percentage	C component	Percentage
Composition		Composition		Composition	
L-5200	43	N-3390	80	Ethyl ester	50
T-12	0.2	Butyl ester	20	Toluene	30
Lencolo 5003B	2			PMA	20
Lencolo 1105	0.3				
Lencolo 8945	0.1				
Lencolo 8540	0.3				
OK-520 matting powder	7.4				
Butyl ester	12				
Ethyl ester	13.6				
MIBK	10				
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 / 25 kg / 200 kg per drum

Tips: L-5200 is stable with 150 turns of RCA resistance, stable non-stick property over 5 years.

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.