

L-9203W Water-based Cost-effective PU Topcoat Resin

Description

L-9203W It is a hydroxyl-containing acrylic resin dispersion modified by a special process. The paint film has the characteristics of high hardness, high gloss and high fullness. L-9203W can be mixed with water-based isocyanate curing agent to prepare two-component industrial paint and automotive repair paint, or mixed with amino resin to prepare high-temperature baking paint. The obtained paint film has high gloss, high hardness, excellent chemical resistance, water resistance, solvent resistance, weather resistance and stain resistance. L-9203W also has very good leveling and fluidity. L-9203W has a lower cost advantage than L-9201W.

Technical data

Appearance	Milky white lotion
Viscosity（mPa.s）	800-3,000
Solid content %	45±2
Hydroxyl content	3.8
pH value	7.5±0.5
Average particle size (nm)	80-120

Performance

It has strong versatility, high cost performance, high bearing capacity for pigments and fillers, and good adhesion to ABS, ABS/PC, PC, wood equipment, and metal. Excellent flexibility, water resistance, scrub resistance and alkali resistance, high gloss, high hardness, high fullness and high weather resistance.

Applications

Used for two-component water-based plastic paint, two-component water-based metal paint, two-component water-based wood paint, two-component varnish, etc.

Reference formula

L-9203W water-based PU topcoat			
Main ingredient		Hardener	
Water	10.8	Water-based curing agent	80
Film-forming additives	3.5	PMA	20
Anti-mildew fungicides	0.2	Total	100
L-9203W water-based resin	70		
Lencolo 1190W dispersant	0.2		
Lencolo 2024W Defoaming Agent	0.2		
Lencolo 3245W Substrate Wetting	0.3	Main agent: curing agent=4-5: 1	
Lencolo 3103 soft touch Leveling Agent	0.3		
Color paste	14		
Thickening agent	0.3		
PH value adjuster	0.2		
Total	100		

Precautions

The product should be stored in a closed container to avoid freezing and high temperatures. It is recommended that the normal storage temperature is between 10°C and 25°C.

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. 50KG/200KG/barrel

Tips:L-9203W is used for water-based PU topcoat, with high cost performance and good weather 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.