

L-9211W Water-based PU Plastic Primer Resin

Description

L-9211W is a hydroxyl-containing acrylic resin dispersion modified by a special process. It has the characteristics of good adhesion, quick drying, high transparency, good gloss, and good pigment wettability. L-9211W 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, with excellent water resistance, solvent resistance and weather resistance.

Technical data

Appearance	Milky white lotion
Viscosity（mPa.s）	400-3,000
Solid content %	45±1
Hydroxyl content	1.1
pH value	7.5±0.5
Average particle size (nm)	100-120

Performance

It has high bearing capacity for pigments and fillers, good adhesion to ABS, ABS/PC, PC, wood, and metal, and has excellent flexibility, water resistance, scrub resistance, and alkali resistance. Especially the adhesion to plastic is good.

Applications

Used for two-component water-based plastic primer, two-component water-based hardware primer, etc.

Reference formula

L-9211W 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-9211W 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-9211W water-based PU plastic primer is cost-effective, has good adhesion and has good overall performance.

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.