

## L-9211W Water-based PU Plastic Primer Resin

### Description

L-9211W is a hydroxy-functional acrylic resin dispersion modified by a special process, featuring excellent adhesion, fast drying, high transparency, good gloss, and superior pigment wetting properties. It can be combined with waterborne isocyanate curing agents to prepare two-component industrial coatings and automotive touch-up paints, or mixed with amino resins to formulate high-temperature baking coatings, providing excellent water resistance, solvent resistance, and weatherability.

### Technical Data

Appearance	Milky white emulsion
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

### Product Features

It has high pigment and filler loading capacity and provides excellent adhesion to ABS, ABS/PC, PC, wood, and metal substrates. The coating exhibits good flexibility, water resistance, scrub resistance, and alkali resistance, with particularly strong adhesion to plastics.

### Applications

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

### Reference Formula

#### L-9211W Water-based PU Topcoat

Main Component		Curing Agent	
Water	10.8	Water-based Curing	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 Component: Curing Agent = 4 - 8 : 1	
Lencolo 3103 Soft Touch Leveling	0.3		
Color Paste	14		
Thickening Agent	0.3		
PH Value Adjuster	0.2		
Total	100		

### Precautions

The product should be stored in a tightly sealed container, protected from freezing and excessive heat. The recommended storage temperature is 10~25 °C.

## 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: 50 kg / 200 kg per drum

## **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.