

L-9112W One-component Alcohol-resistant Acrylic Resin

Description

L-9112W water-based special acrylic resin is a special acrylic emulsion made by copolymerizing acrylic ester monomers and their esters using a special process. It has a core-shell structure and self-crosslinking characteristics. It has the characteristics of small particles and moderate viscosity. It has good adhesion on ABS, PC, PS, PET, PVC and other substrates, and the paint film has good water resistance, scratch resistance and excellent alcohol wiping resistance. It has little environmental pollution. This product has the characteristics of high self-crosslinking degree, high hardness, fast drying and excellent chemical resistance.

Technical data

Appearance	Blue light translucent lotion
Brookfield Viscosity (25°C No. 4 Spindle 12	300-2,000
Solid content %	42±2
PH value	7±1
Tg(°C)	75
Minimum film forming temperature (°C)	72

Performance

It has good adhesion to substrates such as ABS, PC, PS, PET, PVC, etc., with high gloss of 90°, hardness of 1H, and alcohol resistance of about 200 times

Applications

For water-based plastic topcoat, water-based metal paint

Reference formula

L-9112W water-based weather-resistant high-gloss topcoat

L-9112W waterbased special resin	78	Solid content	47.5
Water	8	Pencil hardness	>H
DPBN film forming	6	Gloss	>85
Lencolo 2024W	0.1	Anti-adhesion	0
Color paste	15	Flexibility	1mm
BCS	5	Alcohol resistant	200time
Lencolo 8920W	0.5		
Lencolo 3245W			
Substrate Wetting	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-9112W is very suitable for various water-based one-component topcoats. It can be used with Lencolo 8921W to improve the silver coating and is alcohol-resistant for about 200 times.**

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.