

L-9110W Water-based One-component Acrylic Resin

Description

L-9110W Water-based special acrylic resin is a special acrylic emulsion with core-shell structure and self-crosslinking characteristics, which is obtained by copolymerizing acrylate monomers and their esters through a special process. It has the characteristics of small particles and moderate viscosity. It has good adhesion on ABS, PC, PS, PET, PVC and other substrates. The paint film has good water resistance, scratch resistance and excellent alcohol wiping resistance. It has little environmental pollution. This product has high Excellent self-crosslinking degree, high hardness, fast drying, excellent chemical resistance and other characteristics.

Technical data

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|---|-------------------------------|
| Appearance | Milky white lotion with light |
| Brookfield Viscosity (25°C No. 4 Spindle 12 | 300-2,000 |
| Solid content % | 42±2 |
| PH value | 7±1 |
| Tg(°C) | 65 |
| 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 100 times

Applications

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

Reference formula

L-9110W water-based weather-resistant high-gloss topcoat

| | | | |
|----------------------------------|-----|-------------------|---------|
| L-9110W waterbased special resin | 75 | Solid content | 47.5 |
| Water | 8 | Pencil hardness | >HB |
| DPBN film forming | 6 | Gloss | >85 |
| Lencolo 2024W | 0.1 | Anti-adhesion | 0 |
| Lencolo 3245W Substrate Wetting | 0.2 | Flexibility | 1mm |
| Color paste | 1.5 | Alcohol resistant | 200time |
| Lencolo 8920W | 0.5 | | |
| BCS | 5 | | |
| 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-9110W is very suitable for various water-based one-component topcoats. It can be used together with Lencolo-8921W to improve the silver row. It can withstand alcohol 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.