

L-9102W High solid waterborne polyurethane resin

Description

L-9102W is an aliphatic polycarbocationic waterborne polyurethane dispersion with excellent adhesion to leather and plastic substrates (PVC, TPR, rubber, etc.) and possesses a number of excellent application properties.

Technical data

Appearance	Milky white liquid
Viscosity (25°C, mPa·S)	<1000
Chroma (Gardner)	≤1
Solid content (%)value	60±2
Density (g/cm3, 25°C)	1.02±0.1
PH value (1:10 diluted in water)	7.0~9.5
Modulus (100%) Mpa	≈0.5
Tensile strength Mpa	≈2
Elongation at break (%)	>1400

Performance

1. High solid content, transparent and soft film;
2. High elongation, high resilience, and full hand feel;
3. Excellent washing fastness, scratch resistance, and flex resistance.

Applications

It is widely used in textile printing coatings such as nylon pulp, denim pulp, thick board pulp, leather finishing, fiber and non-woven fabric sizing, ink and other industries.

Storage

To prevent the product from being highly active and causing a polymerizing reaction, please seal it and store it away from heat sources and sunlight. The recommended storage temperature is no higher than 30°C. Unused products must be sealed and stored in a timely manner. Do not store them in the open. At 25°C and with ventilation, the safe storage period is 6 months.

20KG/200KG/barrel

Tips: L-9102W can be mixed with a variety of acrylic emulsions. Adding a small amount of bridging agent can increase its aging resistance and mechanical 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.