

Alcohol-resistant water-based polyurethane resin dispersion

RS-T5102

Characteristics and Benefits:

Composition: Anionic water-based polyurethane dispersion.

1. The emulsion is environmentally friendly, free of formaldehyde, nonylphenol, heavy metals, polycyclic aromatic hydrocarbons and DMF, etc., which are toxic substances;
2. The film has excellent gloss, is hard in the gel state, and has excellent resistance to alcohol wiping, up to more than 50 times;
3. The coating has good water resistance, solvent resistance, and good abrasion resistance;
4. This series of products can be used as coatings for metals, plastics, and glass, and can also be used as surface coatings for genuine leather and synthetic leather.

Product Specifications:

Appearance	Milky white with blue light
Solid content	35 ± 1%
pH value	6.0~8.0
Modulus (MPa)	5~6
Viscosity value (MPa.s)	≤300(25℃)
Water absorption rate (%)	2%~4%(24 hours 25℃)
Break elongation rate (%)	500~600
Tensile strength (MPa)	25

Usage suggestions:

1. If there is a requirement for high water resistance, it is recommended to add 1% to 5% of the curing agent. After mixing the two components properly, use it immediately.
2. Do not mix with other adhesives of different properties.
3. It can be used in combination with other types of anionic polyurethanes from our company.

Storage:

This product should be stored at a temperature range of 5 to 30 degrees Celsius.

Avoid freezing, high temperatures, and direct sunlight exposure; storage period is 12 months.