

## Waterborne polyurethane resin dispersion

### RS-T9102

#### Characteristics and advantages:

Composition: Cationic aliphatic water-based polyurethane dispersion.

1. This product has a relatively soft film formation;
2. It has excellent adhesion to PVC and PET;
3. It can be used to seal the pores of natural leather or the loose areas of the leather, preventing the subsequent coating from penetrating into the leather interior, ensuring that the leather is soft after coating, the coating is uniform, and the sandwich structure of anionic surface - cationic sealing - anionic coating can also enhance the adhesion of the coating:
4. It can be used for wood sealing to fix the tannins contained in the wood, preventing the tannins from swelling and damaging the surface of the wood when encountering water.

#### Product Specifications:

Appearance	Translucent to transparent liquid
Solid content	30 ± 1%
pH value	2.0~6.0
Modulus (MPa)	2.0~3.0
Viscosity value (MPa.s)	≤300(25℃)

#### Usage instructions:

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 cationic polyurethanes produced by our company.

#### Storage:

Technical Data Sheet

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

Avoid freezing, high temperatures, and direct sunlight. 12 months.