

## Water-based polyurethane resin dispersion

### RS-T3082

#### Characteristics and Benefits:

Composition: Anionic water-based polyurethane dispersion.

1. This product is completely water-based and environmentally friendly.
2. It has a smooth film formation and high gloss effect.
3. Excellent water resistance, good flexibility, and excellent adhesion to PVC and PET substrate materials. It is suitable for various PVC coatings and PVC water-based inks.

#### Product Specifications:

Appearance	Translucent to semi-transparent white liquid
Contentedness	35 ± 1%
PH value	6.0~8.0
Modulus Mpa	6.0~7.0
Viscosity value (mpa.s)	<150(25°C)
Tensile strength Mpa	20~30
Break elongation %	≥400
Absorption rate %	3%~5%(24 hours 25°C)

#### 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 the two components are mixed well, use it immediately.
2. Do not mix with other adhesives of different properties.

#### 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.