

## Water-based polyurethane resin dispersion

### RS-T3092

#### Characteristics and Benefits:

Composition: Anionic linear water-based polyurethane dispersion.

1. This product is completely water-based and environmentally friendly.
2. Good adhesion.
3. Excellent flexibility and extensibility.
4. Uniform film formation, transparent with high gloss, and a full and comfortable touch.
5. Suitable for middle and bottom coat resins for leather, coating for textile fabrics, and also has good adhesion on PVC and PET substrates.

#### Product Specifications:

Appearance	Translucent to transparent liquid
Solid content	35 ± 1%
pH value	6.0~8.0
Modulus (MPa)	3.0~4.0
Viscosity value (MPa.s)	<300(25°C)
Tensile strength (MPa)	>15
Break elongation (%)	≥700
Absorption rate (%)	4%~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.
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.

Technical Data Sheet

Avoid freezing, high temperatures, and direct sunlight exposure. It can be stored for 12 months.