

## Waterborne polyurethane resin dispersion

### RS-T6162

#### Characteristics and Benefits:

Composition: Anionic water-based polyurethane dispersion.

1. This product is completely water-based and environmentally friendly, with high film-forming hardness and low-temperature film formation;
2. Smooth film formation and high gloss effect;
3. Excellent water resistance and solvent resistance;
4. The emulsion is environmentally friendly, free of formaldehyde, nonylphenol, heavy metals, polycyclic aromatic hydrocarbons and DMF, etc., which are toxic substances;
5. This product is suitable for coatings with high requirements for film hardness, widely used in single-component water-based wood coatings, metal coatings, plastic coatings and glass coatings; suitable for the surface resin of leather coating agents; also widely used in garage floor coatings, industrial plant floor coatings, plastic tracks, basketball court floors, etc. for topcoats.

#### Product Specifications:

appearance	Transparent to semi-transparent liquid
solid content	35 ± 1%
pH value	6.0~8.0
Film pencil hardness	HB
Viscosity value (MPa·s)	<150(30°C)
Water absorption rate (%)	<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 mixing the two components properly, use it immediately.
2. Do not mix with other adhesives of different properties.

#### 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 exposure. The storage period is  
12 months.