

Waterborne polyurethane resin dispersion

RS-T6122

Characteristics and Advantages:

Composition: Anionic aromatic water-based polyurethane dispersion.

1. The emulsion is environmentally friendly, free of formaldehyde, phenolic compounds, heavy metals, polycyclic aromatic hydrocarbons and DMF, etc. which are toxic substances.
2. The film formation has good toughness.
3. The coating has good water resistance and solvent resistance, as well as good abrasion resistance.
4. It has good adhesion to most substrates.
5. This series of products can be used as water-based adhesives for metals, plastics, wood, paper, ink, etc., and can also be used as base coatings for genuine leather and synthetic leather, printing pastes, textiles, paper, etc.

Product Specifications:

Appearance	Honey-colored to milky liquid
Solid content	35 ± 1%
pH value	6.0~8.0
Modulus (MPa)	6.0~8.0
Viscosity value (MPa.s)	<300(25°C)
Tensile strength (MPa)	20~30
Water absorption rate %	4%~5%(24 hours 25°C)
Elongation at Break %	≥400

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.