

Water-based polyurethane resin dispersion

RS-T5082

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. The film is smooth and has a high gloss effect.
3. Excellent water resistance and solvent resistance.
4. The emulsion is environmentally friendly and does not contain 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 and is widely used in single-component water-based wood coatings, metal coatings, plastic coatings, and glass coatings.

Product Specifications:

Appearance:	Transparent to semi-transparent liquid
Content:	35 ± 1%
pH value:	6.0~8.0
Hardness of the film-forming pencil:	1~2H
Viscosity value (MPa.s):	<150(30°C)
Absorption rate (%):	<3%(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:

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.