

Water-based polyurethane resin dispersion

RS-T3062

Characteristics and Benefits:

Component: An anionic water-based polyurethane dispersion.

1. This product is completely water-based and environmentally friendly.
2. Smooth film formation and high gloss effect.
3. Excellent water resistance, good flexibility, suitable for coating of clothing fabrics, printing varnish, and also applicable to PVC water-based inks. This product is specially designed for in-mold composite of PVC water-based inks. It dries quickly, has excellent printing fastness, fine graphics and details, good re-dissolution, good heat-pressing composite fastness (combing temperature 150~180°C), and belongs to instant-drying type.

Product Specifications:

Appearance	Transparent liquid
Solid content	38.5 ± 1%
pH value	6.0~8.0
Modulus (MPa)	4.0~5.0
Viscosity value (MPa.s)	<300(25°C)
Tensile strength (MPa)	≥35
Break elongation (%)	≥700
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; storage period is 12 months.