

Waterborne polyurethane resin dispersion

RS-T85592

Characteristics and Advantages:

Aromatic water-based polyurethane dispersion, with excellent performance and reaching the advanced domestic level. This product is safe and non-toxic, odorless, and non-irritating. It can be used as a coating for soft substrates such as plastics, wood, paper, and textiles. The environmental protection test results of this product meet the standards of Europe, America, and Japan (environmental protection test reports can be provided upon request).

1. The emulsion is environmentally friendly, without formaldehyde, phenolic resin, heavy metals, polycyclic aromatic hydrocarbons, and DMF, etc. toxic substances:
2. The film formation has excellent toughness:
3. Excellent extensibility and flexural rigidity:
4. The coating has excellent water resistance, solvent resistance, and excellent wear resistance:
5. It has excellent adhesion to most substrates.

Product Specifications:

Appearance	Milky white, slightly red with a bluish tint
Solid content	32 ± 2%
pH value	6.5~9.0
Ionic type	Anion
Viscosity (25°C, 3# rotor, 60 rpm)	≤150mPa.S

Application suggestions:

It can be used as a coating for soft substrates such as plastics, paper, textiles, genuine leather and synthetic leather, as well as printing paste.

Notes:

- 1. Adding the curing agent can enhance the fastness, but it may affect the feel:**

2. The slurry with crosslinking agent needs to be used up within 24 hours:
3. Since the product is synthesized from special water-resistant polyester, the dry coating has good water-resistant performance, but the dispersion will still undergo slow hydrolysis during storage. It is recommended that users purchase and use it immediately.

Storage:

Store at 5 to 30 degrees Celsius, in a ventilated and dry place, avoiding freezing, high temperature, and direct sunlight: 6 months.