

Water-based polyurethane resin dispersion

RS-T2222

Characteristics and Benefits:

High-performance aliphatic water-based polyurethane dispersion, with transparent film, extremely soft and elastic, and excellent adhesion to nylon. This product is safe, non-toxic, odorless, and non-irritating. It can be used as a coating for real leather and synthetic leather, printing paste, fabrics, etc. The environmental protection test results of this product meet the standards of Europe, Japan, etc. (Environmental protection test reports can be provided upon request).

1. The emulsion is environmentally friendly, without formaldehyde, nonylphenol, heavy metals, polycyclic aromatic hydrocarbons, and DMF, etc. toxic substances:
2. The film is transparent and extremely soft:
3. Good weather resistance and color fastness:
4. Excellent adhesion to most substrates such as nylon.

Product Specifications:

Appearance	Milky white with blue light
Solid content	30% ± 1
pH value	6.5~7.0
Elongation %	≥1200%
Tensile strength (MPa)	4~5
Percent modulus (MPa)	1~1.5Mpa

Application scope:

It can be used as a coating for genuine leather and synthetic leather, printing paste, fabrics, etc., suitable for down jacket fabrics.

Usage suggestions:

1. Adding our company's curing agent T2820 can improve the fastness, but it may affect the feel;

2. The paste containing the crosslinking agent needs to be used up within 24 hours;
3. As the product is made of special water-resistant polyester synthesis, the dry coating has good water-resistant performance, but the dispersion will still undergo slow hydrolysis during storage. It is recommended that users use it immediately upon purchase.

Storage:

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