

Water-based polyurethane resin dispersion

RS-T6102

Characteristics and Benefits:

Composition: Anionic aromatic water-based polyurethane dispersion.

1. This product is purely water-based and environmentally friendly.
2. Good adhesion.
3. Excellent resistance to bending and extensibility.
4. Uniform film formation, transparent with high gloss, and a full and comfortable touch.
5. Suitable for middle and bottom coat resins for leather, coating for textile fabrics, and also has good adhesion on PVC and PET substrates.

Product Specifications:

Appearance	Translucent liquid
Solid content	35 ± 1%
pH value	6.0~8.0
Modulus (MPa)	3.0~4.0
Viscosity value (MPa.s)	<300(25°C)
Tensile strength (MPa)	15~25
Water absorption rate %	4%~5%(24 hours 25°C)
Tensile elongation at break %	≥700

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 produced by our company.

Storage:

Technical Data Sheet

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: 12 months.