

Waterborne

Product name

WATERSOL UD-4206

Description

WATERSOL UD-4206 is a waterborne polyester-polyurethane dispersion. WATERSOL UD-4206 has excellent compatibility with various type of emulsions, hydrolysis resistance and adhesion to various substrates, especially polyvinylchloride (PVC).

Applications

Adhesive for PVC, textile, wood, PU foam, etc.

Additive for other emulsions and latex.

When crosslinked with water-dispersible polyisocyanates, performance is increased, especially heat resistance.

Key features

Yellowing resistance.

Compatible with various types of emulsions.

Heat resistance.

Adhesion to several substrates, especially PVC.

Heat activation at low temperatures. (45 - 55°C)

Surface activation remains after drying. (Drying conditions: over 50°C)

Stability over a wide pH range.

Characteristics

	WATERSOL UD-4206
Appearance	Milky white liquid
Solids content, weight %	48.0 - 52.0
Viscosity, mPa s 25°C	5 - 1000
pH	6.0 - 9.0
MFFT, °C	< 0
100% Modulus, MPa	4.5
Tensile strength, MPa	45.0
Elongation, %	800
Yield value, MPa	5.0
Solvent	Water

Storage

Store in a cool, dry, well-ventilated place at temperatures between 5-30°C.

Safe handling note

Refer to SDS for WATERSOL UD-4206.

Please confirm with our sales representative regarding chemical regulatory status of intended countries.

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