

**Waterborne**

**Product name**  
**WATERSOL UD-4210**

**Description**

WATERSOL UD-4210 is a waterborne polyester-polyurethane dispersion. WATERSOL UD-4210 has excellent adhesion to several substrates like plastics, glass, paper, and metals. It is recommended for coating and adhesive applications.

**Applications**

Paper, textiles, plastic films and metal coatings.  
Adhesive for paper, textiles, plastic films (PVC, nylon, PET) and metals.

**Key features**

Soap free.  
Adhesion to several substrates like plastics, glass, paper, and metals.  
Clarity.  
Hardness.  
Anti-blocking properties.  
Heat resistance.  
Water resistance.

**Characteristics**

|   | <b>WATERSOL UD-4210</b> |
|---|-------------------------|
| <b>Appearance</b>   | Milky white liquid      |
| <b>Solids content, weight %</b>   | 29.0 - 31.0             |
| <b>Viscosity, mPa s 25°C</b>  | 200 max.                |
| <b>pH</b>   | 6.0 - 8.0               |
| <b>MFFT, °C</b>   | 16                      |
| <b>100% Modulus, MPa</b>  | 16.0                    |
| <b>Tensile strength, MPa</b>  | 29.0                    |
| <b>Elongation, %</b>  | 340                     |
| <b>Flow starting temperature, KOKA-type (constant-load orifice-type) Flow tester °C</b> | 90 - 95                 |
| <b>Solvent</b>  | 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-4210.  
Please confirm with our sales representative regarding chemical regulatory status of intended countries.

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