

Waterborne

Product name
WATERSOL UD-4205

Description

WATERSOL UD-4205 is a waterborne polyester-polyurethane dispersion. WATERSOL UD-4205 has excellent adhesion to plastics like nylon and PET. It is recommended for plastic film coatings.

Applications

Coatings for several plastic films like nylon and PET.

Key features

- Soap free.
- Organic solvent free.
- Adhesion to several plastic substrates like nylon and PET.
- Clarity.
- Hardness.
- Anti-blocking properties.

Characteristics

| | WATERSOL UD-4205 |
|--|-------------------------|
| Appearance | Milky white liquid |
| Solids content, weight % | 39.0 - 41.0 |
| Viscosity, mPa s 25°C | 1 - 200 |
| pH | 7.0 - 9.0 |
| MFFT, °C | 17 |
| 100% Modulus, MPa | 10 |
| Tensile strength, MPa | 11.0 |
| Elongation, % | 300 |
| Flow starting temperature, KOKA-type (constant-load orifice-type) Flow tester, °C | 6.0 - 7.0 |
| 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-4205.
Please confirm with our sales representative regarding chemical regulatory status of intended countries.

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