

Waterborne

Product name
WATERSOL UD-4202

Description

WATERSOL UD-4202 is a waterborne polyester-polyurethane dispersion. WATERSOL UD-4202 has excellent wettability to several plastic films like PVC, nylon and PET. It is recommended for coating applications.

Applications

Coatings for several plastic films like PVC, nylon and PET.

Key features

- Wettability to several substrates, especially plastic films like PVC, nylon and PET.
- Adhesion to several substrates like plastics, glass, paper, and metals.
- Clarity.
- Hardness.
- Anti-blocking properties.
- Soap free.
- Organic solvent free.

Characteristics

| | WATERSOL UD-4202 |
|---------------------------------|-------------------------|
| Appearance | Slightly turbid liquid |
| Solids content, weight % | 22.0 - 24.0 |
| Viscosity, mPa s 25°C | 5 - 300 |
| pH | 7.0 - 8.5 |
| MFFT, °C | < 0.0 |
| 100% Modulus, MPa | 7.0 |
| Tensile strength, MPa | 46.0 |
| Elongation, % | 550 |
| 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-4202.
Please confirm with our sales representative regarding chemical regulatory status of intended countries.

210607

All information on this data sheet is based on DIC Corporation laboratory tests and characteristics shown here are not sales specifications. Procedures and directions for use of DIC Corporation products are recommendations only, with no warranties expressed or implied. The user is solely responsible for determining suitability of DIC Corporation products for the particular application. DIC Corporation recommends consultation with its technical experts and trials before general or production use of any of its products. DIC Corporation products are provided subject to its standard terms and conditions. This data sheet supersedes all previous publications for the products described herein.