

Waterborne

Product name
WATERSOL UD-4001

Description

WATERSOL UD-4001 is a waterborne polycarbonate-polyurethane dispersion. WATERSOL UD-4001 has excellent adhesion to plastics like nylon and PET. It is recommended for coating applications.

Applications

Plastic films primer, especially nylon and PET.
Topcoat for various substrates like paper, etc.

Key features

Soap free
Organic solvent free.
Adhesion to several plastic substrates like corona treated nylon and PET.
Heat resistance.
Water resistance.
Lightfastness.

Characteristics

	WATERSOL UD-4001
Appearance	Slightly turbid liquid
Solids content, weight %	34.0 - 36.0
Viscosity, mPa s 25°C	10 - 1000
pH	7.5 - 9.5
Tensile strength, MPa	57.0
Elongation, %	480
Flow starting temperature, KOKA-type (constant-load orifice-type) Flow tester, °C	100 - 130
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-4001.
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.