

Waterborne

Product name

WATERSOL UD-4101

Description

WATERSOL UD-4101 is a waterborne polyether-polyurethane dispersion. WATERSOL UD-4101 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-4101
Appearance	Slightly turbid liquid
Solids content, weight %	33.0 - 37.0
Viscosity, mPa s 25°C	10 - 1000
pH	7.5 - 8.5
Tensile strength, MPa	35.0
Elongation, %	700
Flow starting temperature, KOKA-type (constant-load orifice-type) Flow tester, °C	80 - 110
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-4101.
Please confirm with our sales representative regarding chemical regulatory status of intended countries.

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