

**HYPOD™ 2000 Polyolefin Dispersion**

For Textile and Nonwoven Substrate Applications

Regional Product Availability

- Europe, Middle East and Africa

Description

HYPOD™ 2000 Polyolefin Dispersion is an aqueous acid-modified polyolefin dispersion. It is a distinct material capable of enhancing the properties of textiles and nonwoven substrates. The use of HYPOD 2000 Polyolefin Dispersion enables textile and nonwoven producers to impart the performance benefits of polyolefin with the ease of use of water-based application techniques:

- Printing / Coating processes
- Application by foam
- Spray application

Key Features

- Adhesion to polyolefin
- Adhesion to polar substrates
- Water resistance
- Oil & grease resistance
- Heat sealability
- Elasticity/flexibility

In addition when used to impregnate, coat or bond polyolefin based fibers and films, HYPOD™ 2000 Polyolefin Dispersion may enable end product recyclability due to the compatibility of the components.

Typical Physical Properties

(These properties are typical but do not constitute specifications.)

Property	Value
Appearance	Milky White Liquid
Solids content (%)	56
Viscosity(Brookfield, RV, 25°C, mPa.s)	1000
pH	9.9
Tg (°C)	-26
Specific Gravity	0.97
Freeze / thaw stability	Protect from freezing

**Recommended
operating
guidelines**

- Stir prior to use
- Do not over dilute (avoid < 10% solids)
- Keep pH above 9
- Clean with water (preferably deionized or softened water)

HYPOD™ 2000 Polyolefin Dispersion can be easily formulated to match the application needs:

- Rheology modifier to adjust viscosity
- Defoamer to avoid foam formation during mixing and application
- Surfactant to adjust surface tension
- Compatibility with filler (such as calcium carbonate, aluminium hydroxide, titanium dioxide...)

**Handling
Precautions**

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

Storage

Store products in tightly closed original containers at temperatures recommended on the product label.

**Disposal
Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

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