Formulation Additives

Technical Data Sheet

Rheovis® PE 1320 NC
(old: DSX® 2000)

BASF
The Chemical Company

Product Description **Newtonian rheology modifier for aqueous coatings.**

Chemical Composition **Polyether in water / butoxytriglycol**

Properties

Product Specifications

Appearance (8000)	amber liquid
Solids (8766)	29 – 31 %
Brookfield viscosity (LVT, sp-3, 12 rpm, 25 ºC)	3000 – 6000 mPa·s

These typical values should not be interpreted as specifications.

Applications

Rheovis® PE 1320 NC offers complete control of the rheological properties of coatings with the following advantages:

- excellent flow and leveling properties
- excellent application hiding
- excellent splatter resistance
- excellent resistance properties
- good gloss development
- excellent shelf-life of coatings

Rheovis® PE 1320 NC promotes Newtonian properties to aqueous systems.

- The properties of this product are pH-independent
- Provides high ICI viscosities.

Dosage

Rheovis® PE 1320 NC is usually added as the final ingredient in a formulation. However, in cases where there is limited agitation at this stage, addition of 10-20% of the total quantity of Rheovis® PE 1320 NC just after the grind stage can aid incorporation of the thickener.

In paint formulations, typical use levels can vary from 1-3% of paint, depending on the system being thickened.

Safety

General The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Material Safety Data Sheet All safety information is provided in the Material Safety Data Sheet for Rheovis® PE 1320 NC.

Storage

Rheovis® PE 1320 NC is subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years. The properties of the product are not affected by low temperatures but it should not be stored next to direct heat.

Important

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