

Rheovis[®] PE 1330

Product description Rheology modifier

Key benefits

- Specially designed to show an outstanding Newtonian rheology profile
- Excellent flow and leveling properties
- Excellent wash-, scrub-resistance and spatter resistance
- Solvent-free, low VOC, low-odor
- Improved hiding power
- Good gloss development
- Excellent shelf life of coatings

Chemical nature Polyether polymer in water

Properties

Physical form Yellow liquid

Technical data

(not supply specification)

| | | |
|---------------|-----------------------------|--------------------------|
| Solid content | DIN ISO 1625 (105 °C, 2h) | ~ 30 % |
| Viscosity | ISO 2555, Brookfield, 25 °C | ~ 4,500 mPa.s |
| Density | at 25 °C | ~ 1.05 g/cm ³ |

Application

Rheovis® PE 1330 is recommended as the sole thickener for coating systems which contain a high hydrophobic surface area such as low-pigmented, small-particle-size, high- to semi-gloss coatings.

Formulation guideline

1 – 4 % on total formulation

Rheovis® PE 1330 is usually added as the final ingredient to a formulation. However, in cases of limited agitation at this stage, adding 10 – 20 % of the total Rheovis® PE 1330 quantity just after the grinding stage can aid the incorporation of the full amount of thickener.

Other rheological profiles can be achieved by combining Rheovis® PE 1330 with other associative thickeners of the Rheovis® PU range.

Storage

Keep container tightly closed and store in a cool, dry place.

Protect from temperatures below 0 °C and above 40 °C

If stored at low temperatures freezing of the product is possible. This process is reversible.

Please heat product to room temperature and stir well before use.

Contacts worldwide

Asia
BASF East Asia Regional Headquarters Ltd
45/F, Jardine House
No. 1 Connaught Place
Central Hong Kong
China
formulation-additives-asia@basf.com

North America
BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

Europe
BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
formulation-additives-europe@basf.com

South America
BASF S.A
Rochaverá - Crystal Tower
Av. das Nações Unidas, 14.171
Morumbi - São Paulo-SP
Brazil
formulation-additives-south-america@basf.com

Validity

This Technical Data Sheet is valid for all versions of the Rheovis® PE 1330.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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