

# Rheovis<sup>®</sup> PE 1320

**Product description** Rheology modifier

**Key benefits**

- Newtonian rheology modifier for aqueous coatings
- Specifically designed to improve high brush drag (ICI viscosity)
- Excellent applied hiding
- Excellent flow and leveling properties
- Excellent water-resistance properties
- Excellent roller application and spatter resistance

**Chemical nature** Polyether solution in water / butyl diglycol

## Properties

**Physical form** Yellow, clear liquid

**Technical data**

(not supply specification)

Solid content	DIN ISO 1625 (105 °C, 2h)	~ 40 %
Viscosity, dynamic	ISO 2555, Brookfield, 25 °C	~ 1,600 mPa.s
Density	ISO 12185, at 25 °C	~ 1.03 g/cm <sup>3</sup>

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## Application

Rheovis® PE 1320 is recommended as sole thickener for coating systems which contain a high hydrophobic surface area such as low-pigmented, small-particle-size, high- to semi-gloss coatings. The rheological profile can be further modified by combining Rheovis® PE 1320 with other Rheovis® associative thickeners.

**Formulation guideline** 1.0 – 3.0 % calculated on total formulation

Rheovis® PE 1320 is usually added as the final ingredient into a formulation. However, in cases of limited agitation at this stage, adding 10 – 20 % of the total Rheovis® PE 1320 quantity just after the grinding stage can aid the incorporation of the thickener.

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## 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.

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### Validity

This Technical Data Sheet is valid for all versions of the Rheovis® PE 1320.

### 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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