

Rheovis[®] PU 1340

Product description Rheology modifier

Key benefits

- Newtonian rheology profile for excellent flow and leveling properties
- Improved hiding power
- Wash and scrub resistance
- Excellent spatter resistance
- Good gloss development

Chemical nature Polyurethane polymer in water

Properties

Physical form Milky white to slightly yellowish liquid

Technical data (not supply specification)	Solid content	DIN ISO 1625 (105 °C, 2h)	~ 20 %
	Viscosity	ISO 2555 at 23 °C	~ 2,900 mPa.s
	Density	at 20 °C	~ 1.04 g/cm ³

Application

Rheovis® PU 1340 is a highly effective high-shear rheology modifier for paints and coatings where a Newtonian rheology profile is desired. It can be used as a sole thickener for paints and coatings. It is especially suitable for low pigmented, small-particle-size, high- to semi-gloss coatings e.g. wood coatings.

Rheovis® PU 1340 can be used in a wide range of architectural coating formulations ranging from flat to high gloss. It can be used as a sole thickener or in combination with low to mid-shear thickeners from the HEUR, HASE and ASE technology to adjust the desired rheology profile.

Formulation guideline 1.0 – 3.0 % on total formulation

We recommend determining the optimum level of Rheovis® PU 1340 by laboratory trials to achieve best performance.

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® PU 1340.

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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