

Rheovis[®] PU 1341 EC

Product description Polyurethane-based associative rheology modifier

- Key benefits**
- Specifically designed to give a Newtonian rheology profile
 - Excellent balance of performance properties in a wide range of paint formulations
 - High-shear viscosity builder for one-coat coverage
 - Imparts excellent flow and leveling
 - Solvent-free, low-VOC, low-odor
 - Non-ionic, APEO-free

Chemical nature Polyurethane polymer in water

Properties

Physical form Opaque white liquid

Technical data (not supply specification)	Solid content	DIN ISO 1625 (105 °C, 2h)	~ 20 %
	Viscosity	ISO 2555 at 23 °C	~ 1,400 mPa.s
	Density	ISO 12185 at 20 °C	~ 1.04 g/cm ³

Application

Rheovis® PU 1341 EC is excellent for high-shear viscosity build for one-coat coverage while enhancing low-shear performance for superior sag resistance. Rheovis® PU 1341 EC imparts excellent flow and leveling due to the creation of a polymer network with latex and pigment particles. Rheovis® PU 1341 EC 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 Rheovis® range to further develop the desired rheology profile.

Formulation guideline 1.0- 3.0 % on total formulation

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 1341 EC.

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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