

Rheovis® PU 1235

Product description Rheology modifier for aqueous paints and coatings

- Key benefits**
- Highly effective rheology-control agent for a wide range of water-based coatings
 - Mid shear thickener to impart low shear viscosity with moderate contribution to high shear viscosity in latex based paints
 - Excellent brush and roller application properties

Chemical nature Polyurethane polymer in water/ butyl diglycol

Properties

Physical form Hazy liquid

Technical data (no supply specification)	Solid content	~ 25 %	
	Viscosity	Brookfield at 25 °C (77 °F)	~ 1200 mPa·s
	Density	at 20 °C (68 °F)	~ 1.04 g/cm ³
	Solvent	water / butyl diglycol	

Application

Rheovis® PU 1235 is recommended for all paints where good rheological properties are important. The main applications are interior and exterior paints which require good brush and roller application properties.

Rheovis® PU 1235 can be used as-supplied due to its pourable nature. If a higher ICI viscosity is desired, Rheovis® PU 1235 can be used in combination with a high shear thickener to give a more Newtonian rheology profile.

Formulation guideline 0.5 – 2.5 % on total formulation

The amount required for optimum performance should be determined in trials covering a concentration range.

Storage

Rheovis® PU 1235 should be stored in tightly closed containers. The packed product is not damaged by low temperatures or by frost. If stored at low temperatures precipitation or gelatinization 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 1235.

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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