

Rheovis[®] AS 1237

(old: Viscalex[®] VM)



general

thickener and rheology-control agent

Rheovis[®] AS 1237 is a derivative of a family of highly effective rheology-control thickeners, ideal for a wide range of water-based coatings.

chemical nature

Rheovis[®] AS 1237 is a formulation based on an acrylic copolymer. The polymer provides the rheology-control effect through extensive swelling of the high-molecular-weight polymer in alkali, in the presence of water.

Properties

physical form

white liquid (emulsion)

storage

When stored under the usual appropriate storage conditions, the product can be stored for 2 years.

typical properties (no supply specification)

active content	~ 30%
viscosity at 25 °C (77 °F), Brookfield, 20 rpm	~ 40 mPa·s
density at 20 °C (68 °F)	~ 1.066 g/cm ³
pH	~ 3

Application

Rheovis[®] AS 1237 is a low- to medium-effective non-associative rheology modifier, ideal in mat and semi-mat emulsion paint systems with a pigment volume concentration of 25 – 50%.

It shows excellent color stability in tinted systems, also providing good ant-sag and anti-spatter properties.

recommended concentrations

The amount of Rheovis[®] AS 1237 required for optimum performance should be determined in trials covering a concentration range.

0.8 – 1.5% based on total formulation

Safety

When handling these products, 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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BASF SE
Formulation Additives
67056 Ludwigshafen, Germany
www.dispersions-pigments.basf.com
formulation-additives-asia@basf.com
formulation-additives-europe@basf.com
formulation-additives-nafta@basf.com
formulation-additives-south-america@basf.com