

# Rheovis<sup>®</sup> AS 1189

**Product description** rheology modifier

- Key benefits**
- highly effective rheology-control additive for use in a wide range of aqueous formulations
  - particularly suitable for adhesives
  - does not require neutralization
  - equally effective over a wide pH range from 4 to 12

**Chemical nature** ammonia salt of an acrylic copolymer in an aliphatic hydrocarbon carrier

## Properties

**Physical form** white liquid

<b>Technical data</b>	active content		~ 57%
<b>(no supply specification)</b>	viscosity	Brookfield at 23 °C (73.4 °F)	~ 500 mPa·s
	density	at 20 °C (68 °F)	~ 1.18 g/cm <sup>3</sup>

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## Application

Rheovis® AS 1189 is recommended to be used in a wide range of aqueous formulations. The product is especially suited for adhesives. Typical applications include DIY adhesives, conventional industrial adhesives, construction adhesives, adhesives in the packaging and woodworking industries, pressure-sensitive adhesives and high-speed machine adhesives.

Rheovis® AS 1189 is equally effective over a wide pH range from 4 to 12. The product provides the rheological control effect by extensive swelling in the presence of water. It does not require neutralization.

**Formulation guideline** 0.5 – 1.0% on total formulation

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

Provided efficient mixing equipment is available, Rheovis® AS 1189 can be added directly to the formulation. It can be added at any step of the process. For easier handling, it can be pre-diluted with suitable solvents (aliphatic hydrocarbons) at a ratio of 1:2.

Rheovis® AS 1189 can also be diluted with water in order to form a pre-gel or stock solution (3% Rheovis® AS 1189 in water).

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## Storage

Rheovis® AS 1189 is freeze-stable. However, it is recommended to store the product at temperatures above 5 °C (41 °F) to enable ease of handling and pourability. It is recommended to effectively stir the product before use.

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### Validity

This Technical Data Sheet is valid for all versions of the Rheovis® AS 1189.

### 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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