

# Rheovis UR 1120

**Product description** rheology modifier

- Key benefits**
- highly effective rheology-control additive for use in a wide range of aqueous formulations
  - Thixotropic rheology profile, for excellent balance of levelling and anti-sag resistance
  - APEO-free and tin-free
  - equally effective over a wide pH range

**Chemical nature** polyurea polymer in dimethylsulfoxide

## Properties

**Physical form** light yellowish liquid

<b>Technical data</b> (no supply specification)	active content		~ 45%
	viscosity	Brookfield at 25 °C (77 °F)	< 2000 mPa·s
	density	at 20 °C (68 °F)	~ 1.2 g/cm <sup>3</sup>

## Application

Rheovis UR 1120 is recommended to be used in a wide range of aqueous formulations. It is a free-flowing liquid and can be incorporated at any point in the formulation.

**Formulation guideline** 0.2 – 3% on total formulation

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

Provided controlled mixing equipment to ensure homogeneous distribution, Rheovis UR 1120 can be added directly to the formulation. It can be added at any step of the process and no pH-adjustment is required.

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**Storage**

The product is moisture sensitive. It is recommended to store Rheovis UR 1120 in tightly closed containers at temperatures above 5 °C (41 °F) to enable ease of handling and pourability.

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**Validity**

This Technical Data Sheet is valid for all versions of the Rheovis UR 1120.

**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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