

# Rheovis® PU 1291



## general

rheology modifier

- innovative mid-shear polyurethane thickener for aqueous coatings and adhesives
- non-ionic, VOC-free
- free of solvents, heavy metals and tin
- does not contain alkylphenol ethoxylates (APEO)

## chemical nature

polyurethane in water / diluent

## Properties

### physical form

clear liquid

### storage

Rheovis® PU 1291 should be stored in a cool dry place.

### typical properties (no supply specification)

density at 20 °C (68 °F)	~ 1.04 g/cm <sup>3</sup>
solid content	~ 40%
Brookfield viscosity at 23°C (73°F)	~ 2,700 mPa·s

## Application

Rheovis® PU 1291 is an innovative mid-shear polyurethane thickener with multiple associative elements. Because of its innovative chemical nature the ICI-build clearly exceeds that of benchmark solvent-containing and water-based products. Even at lower dosages. Thus contributing to improved performance and supporting sustainability (e.g. get more with less).

The new product enables excellent flow and levelling and good gloss. Rheovis® PU 1291 shows improved colour acceptance. Rheovis® PU 1291 is excellently suited for environmentally friendly interior and exterior latex paints as well as aqueous wood-, industrial and parquet coatings, adhesives, resin based plasters, aqueous anticorrosion paints and printing inks.

## recommended concentrations

0.3 - 2% on total formulation

Due to its low viscosity it is easy to handle. The product can be added at any time during the production process. Especially when pigmented high gloss coatings are manufactured it is very beneficial to add a fraction prior to the grinding step. It is recommended to stir well before use.

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**Validity**

This Technical Data Sheet is valid for all versions of the Rheovis PU 1291.

**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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