

# Rheovis® PU 1191

## general

rheology modifier

- high pseudoplastic viscosity compared to other PUR thickeners
- heavy metal-, solvent- and VOC-free
- easy incorporation and easy handling
- highly-efficient, environmental friendly
- supports film formation and pigment wetting
- shows superior sag resistance, low viscosity drop on tinting and excellent chemical- and UV-stability

## chemical nature

solution of a polyurethane in water/diluent

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## Properties

### physical form

white, opaque liquid

### storage

Rheovis® PU 1191 should be stored in a cool dry place.

### typical properties (no supply specification)

density at 20 °C (68 °F)	~ 1.03 g/cm <sup>3</sup>
solids	~ 30%
Brookfield viscosity at 23°C (73°F)	~ 2,700 mPa·s

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## Application

Rheovis® PU 1191 remarkably improves the stability of aqueous coatings providing similar performance to inorganic, cellulose or acrylic thickeners. In contrast to these thickeners, Rheovis® PU 1191 has no negative influence on gloss or opacity, and also has excellent water resistance due to its non-ionic character.

Rheovis® PU 1191 provides the optimum performance in aqueous clear and high gloss top coatings, as well as anti-corrosive paints and thick layer systems.

### recommended concentrations

0.3 - 1% on total formulation  
Rheovis® PU 1191 can be incorporated directly into the paint or the mill base during stirring.

## Contacts worldwide

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**Validity**

This Technical Data Sheet is valid for all versions of the Rheovis PU 1191.

**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**

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