

# 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

## 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

## 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

## Asia

BASF East Asia Regional Headquarters Ltd  
45/F, Jardine House  
No. 1 Connaught Place  
Central Hong Kong  
China  
[formulation-additives-asia@basf.com](mailto:formulation-additives-asia@basf.com)

## North America

BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
[formulation-additives-nafta@basf.com](mailto:formulation-additives-nafta@basf.com)

## Europe

BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
[formulation-additives-europe@basf.com](mailto:formulation-additives-europe@basf.com)

## South America

BASF S.A  
Rochaverá - Crystal Tower  
Av. das Nações Unidas, 14.171  
Morumbi - São Paulo-SP  
Brazil  
[formulation-additives-south-america@basf.com](mailto:formulation-additives-south-america@basf.com)

**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**

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.

® = registered trademark, ™ = trademark of BASF Group, unless otherwise noted

[www.basf.com/formulation-additives](http://www.basf.com/formulation-additives)