

# Rheovis<sup>®</sup> PU 1191

**Product description** Rheology modifier

**Key benefits**

- High pseudoplastic viscosity compared to other PUR thickeners
- Heavy metal-, solvent- and low-VOC
- 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** Polyurethane polymer in water/diluent

---

## Properties

**Physical form** White, opaque liquid

**Technical data**

(not supply specification)

Solid content	DIN ISO 1625 (105 °C, 2h)	~ 30 %
Viscosity	ISO 2555, Brookfield, 25 °C	~ 2,700 mPa.s
Density	at 25°C	~ 1.03 g/cm <sup>3</sup>

---

## 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 on top 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.

### Formulation guideline

0.3 – 1 % on total formulation

Rheovis® PU 1191 can be incorporated directly into the paint or the mill base during stirring.

---

## Storage

Keep container tightly closed and store in a cool, dry place.  
Protect from temperatures below 0 °C and above 40 °C

If stored at low temperatures freezing of the product is possible. This process is reversible.  
Please heat product to room temperature and stir well before use.

### 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 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.

® = Registered trademark

™ = Trademark of the BASF Group, unless otherwise noted

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