

Rheovis[®] PU 1190

general

- polyurethane-based associative thickener
- solvent-free non-ionic rheology additive with strongest thickening properties at low shear stress
- highly effective rheology additive designed to achieve higher pseudoplastic viscosities compared to other PUR thickeners
- excellent film forming properties, good pigment wetting and a high UV stability

chemical nature

polyurethane polymer in water / diluent

Properties

physical form

whitish, viscous liquid

storage

Rheovis[®] PU 1190 should be stored in tightly closed containers. The packed product is not damaged by low temperatures or by frost. If stored at low temperatures precipitation or gelatinization of the product is possible. This process is reversible. Please heat product to room temperature and stir well before use.

typical properties

solvent	water / diluent
solid content	~ 34%
viscosity (20°C)	~ 30,000 mPa·s

Application

Rheovis[®] PU 1190 improves the stability of aqueous coatings providing similar performance like inorganic, cellulose or acrylic thickeners. In contrast to conventional thickeners, Rheovis[®] PU 1190 has no negative influence on gloss or opacity and, due to its non-ionic character, also provides an excellent water resistance.

Rheovis[®] PU 1190 provides optimum performance in aqueous clear and high-gloss top coatings as well as anti-corrosive paints and thick-layer systems.

recommended concentrations

A dosage of 0.2 – 1.0% calculated on total formulation is recommended.

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Validity

This Technical Data Sheet is valid for all versions of the Rheovis PU 1190.

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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