

Rheovis[®] PU 1190

(old: DSX[®] 3290)



general solvent-free non-ionic rheology additive with high thickening properties at low shear stress

Rheovis[®] PU 1190 is an effective rheology additive designed to achieve higher pseudoplastic viscosity compared with other PUR thickeners. Furthermore, Rheovis[®] PU 1190 shows excellent film-forming properties, good pigment wetting and a high UV stability.

chemical nature solution of a polyurethane in water/diluent

Properties

physical form viscous, opaque liquid

shelf life When stored under the usual appropriate storage conditions, the product can be stored for 2 years.

**typical properties
(no supply specification)**

density at 20 °C (68 °F)	~ 1.032 g/cm ³
solids content	~ 34%
Brookfield viscosity at 23 °C (73 °F)	~ 30,000 mPa . s

Application

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

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

recommended concentrations The typical dosage of Rheovis[®] PU 1190 is 0.2 – 1.0% and is incorporated into the paint or the mill base during stirring.

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.

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