

Rheovis® PU 1290

(old: DSX 3800)



The Chemical Company

general Non-ionic , VOC-free mid-shear rheology modifier for aqueous coatings and adhesives. Rheovis® PU 1290 is free of solvents, heavy metals and tin and does not contain alkylphenol ethoxylates.

chemical nature polyurethane in water/liquifier

Properties

physical form Colorless to slight yellowish clear liquid

shelf life Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years

**typical properties
(no supply specification)**

density at 25 °C	~ 1,05 g/cm ³
solid content	~ 51 %
brookfield viscosity at 23°C	~ 4000 mPa·s

Application

Rheovis® PU 1290 is an environmentally friendly associative polyurethane thickener. Because of its chemical structure the efficiency at high shear-rates is extremely strong. Besides excellent sag resistance the product is very effective at high shear-rates leading to benefits like excellent flow and levelling, good gloss, improvement of hiding power and a strong reduction of spattering in roller applications.

RHEOVIS® PU 1290 is film-forming and hence improves scrub resistance of the coating. It has excellent UV-resistance.

RHEOVIS® PU 1290 is well suited for environmentally friendly interior and exterior latex paints as well as aqueous wood-, industrial and parquet coatings, adhesives, resin based plasters, aqueous anticorrosion paints and printing inks.

recommended concentrations The recommended dosage ranges from 0.3-2% on total formulation. Due to its low viscosity it is easy to handle and pumpable. The product can be added at any time during the production process. Especially when pigmented high gloss coatings are manufactured it is very beneficial to add a fraction prior to the grinding step.

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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