

Rheovis® PU 1235 EC

Product description Rheology modifier

- Key benefits**
- Highly effective rheology-control agent for a wide range of water-based coatings
 - Mid-shear thickener to impart low-shear viscosity with moderate contribution to high-shear viscosity in latex based paints
 - Excellent brush and roller application properties

Chemical nature Polyurethane polymer in water / 2-(2-butoxyethoxy)ethanol

Properties

Physical form Hazy liquid

Technical data (not supply specification)	Solid content	DIN ISO 1625 (105 °C, 2h)	~ 25 %
	Viscosity	ISO 2555, Brookfield, 25 °C	~ 1,200 mPa.s
	Density	ISO 12185 at 25 °C	~ 1.04 g/cm ³

Application

Rheovis® PU 1235 EC is a mid-shear rheology modifier, recommended for all paints where a balanced rheology curve is important. The main applications are interior and exterior paints which require good brush and roller application properties.

Formulation guideline

0.5 – 2.5 % on total formulation

Rheovis® PU 1235 EC can be used as-supplied due to its easily pourable nature. If a higher ICI viscosity is desired, Rheovis® PU 1235 EC can be used in combination with a high-shear thickener to give a more Newtonian rheology profile. The amount required for optimum performance should be determined in trials covering a concentration range.

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

North America
BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

Europe
BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
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

Validity

This Technical Data Sheet is valid for all versions of the Rheovis® PU 1235 EC.

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