

Rheovis[®] AS 1940

Product description Rheology modifier

- Key benefits**
- Powdered, low-shear acrylic thickener (ASE) with pronounced pseudoplastic flow behavior
 - Outstanding thickening efficiency
 - Easy incorporation
 - Reduction of sagging
 - Prevents syneresis

Chemical nature Solid, acrylic polymer

Properties

Physical form Powder

Technical data (not supply specification)	Solid content	ISO 3251	≥ 97 %
	Bulk density	ISO 60	~ 300 kg/m ³
	pH value	DIN ISO 976, 25%wt in H ₂ O	~ 3.0

Application

Rheovis® AS 1940 is an efficient acrylic thickener (ASE) in powder form with pronounced pseudoplastic (low-shear) flow behavior for many aqueous paint and coating systems, plasters and adhesives.

Formulation guideline

0.25 - 1 % on total formulation

Rheovis® AS 1940 can also be incorporated in form of a alkaline solution. For example, to make an 8% solution, 89 parts of water are made alkaline with 3 parts of a 25% solution of ammonia; after that 8 parts of Rheovis® AS 1940 are added with vigorous stirring. A solution of this type has a very high viscosity. It is also possible to stir the required quantity of Rheovis® AS 1940 into an acidic dispersion and to not thicken this dispersion by raising the pH (> pH 7.5) until just before working with it. However, this method of working does require careful storage tests.

We recommend determining the optimum dosage level for Rheovis® AS 1940 by laboratory trials to achieve the desired performance.

Storage

Rheovis® AS 1940 should be stored in a cool, dry place.

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® AS 1940.

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