

Dispex[®] AA 4030

general Dispex[®] AA 4030 is an effective polymeric dispersing agent based on acrylic acid ammonium salt.

chemical nature ammonium acrylate

Properties

physical form yellowish liquid

storage Dispex[®] AA 4030 should be stored in tightly closed containers and in a cool place. Store protected against freezing. Dispex[®] AA 4030 must not be allowed to come into contact with metals or alloys that are liable to corrosion.

**typical properties
(no supply specification)**

solid content (DIN EN ISO 3251)	~ 30 %
pH value (DIN ISO 976)	~ 8.5
viscosity (flow time, DIN 53211, orifice 4 mm)	~ 35 s
Iodine color value	< 4

Application

Dispex[®] AA 4030 is a polymeric dispersing agent for inorganic fillers and pigments. It is anionic, and it is supplied in the form of an ammonium salt. Dispex[®] AA 4030 offers the following advantages:

- excellent dispersing efficiency for inorganic pigments and extenders
- highly efficient
- synergistic effects in combination with polyphosphates
- excellent storage stability

recommended concentrations 0.2 – 1.0 % on the total formulation

Dosage of Dispex[®] AA 4030 depends on the nature of the solids to be dispersed. In critical formulations it is possible to increase the dosage up to 2%.

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 Dispex AA 4030.

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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