

Dispex[®] CX 4320

(old: Pigment Disperser[®] MD 20)



general

Dispex[®] CX 4320 is a particularly effective dispersing agent for dispersing inorganic fillers and pigments. It improves wet scrub and blocking resistance.

chemical nature

Sodium salt of a carboxylic acid copolymer in water

Properties

physical form

yellowish liquid

shelf life

subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year.

typical properties (no supply specification)

concentration (dry content)	~ 25 %
pH value	~ 10.5
viscosity (Brookfield, 23°C, sp. 1, 60rpm)	~ 50 mPa·s
average molecular mass (GPC)	~ 12000 g/mol
Density (DIN 51757, 23°C)	~ 1.11 g/cm ³

Application

Dispex[®] CX 4320 is a polymeric dispersing agent for inorganic fillers and pigments. It is anionic, and it is supplied in the form of a sodium salt. It is particularly effective for dispersing inorganic fillers and pigments in high gloss, semi-gloss and highly filled interior paints. Dispex[®] CX 4320 offers the following advantages:

- excellent dispersing efficiency for inorganic pigments and extenders
- improves gloss - reduces haze
- improves wet scrub resistance
- improves blocking resistance
- excellent ZnO-stability

recommended concentrations

Recommended dosages of Dispex® CX 4320 depend on the nature of the solids to be dispersed. In general the dosage is between 0.2 –1.0 %, calculated on the total formulation. In critical formulations it is possible to increase the dosage up to 2%.

storage

Dispex® CX 4320 must not be allowed to come into contact with metals or alloys that are liable to corrosion. The product should always be stored in tightly closed containers. In storage tanks, the air must always be saturated with water vapor.

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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