

Dispex[®] Ultra PA 4503

General

- Dispex[®] Ultra PA 4503 is a dispersing resin with self-emulsifying properties.
- Suitable for the production of VOC-free pigment concentrates
- Suitable for systems with a wide pH range (5–12)

Chemical nature

Fatty-acid-modified polymer, free of solvents and volatile amines

Properties

Physical form

Light amber liquid

Technical data

(not supply specification)

Solid content	BASF method (1h at 120 °C)	47.0 – 76.0 %
Color value (Gardner)	BASF method (20 °C)	≤ 6
Density	BASF method (20 °C)	1.060 – 1.090 g/m ³
Solvent		Water

Application

Dispex® Ultra PA 4503 is recommended as a grinding vehicle or in combination with the polymeric dispersants Efka® 4550 and Efka® 4560, suitable for the production of ultra-low-VOC water-based pigment concentrates.

Recommended concentrations

3 parts Dispex® Ultra PA 4503 on 1 part dispersing agent (solids on solids)

Storage

The product should be protected from frost and stored in a cool dry place (0 – 45 °C).

Contacts worldwide

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Validity

This Technical Data Sheet is valid for all versions of the Dispex® Ultra PA 4503.

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.

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