

Dispex[®] Ultra PA 4501

Product description

Dispersing resin

Dispex[®] Ultra PA 4501 is tailor-made for the production of water-based pigment concentrates with minimal resin content. It shows good pigment wetting and stabilizing performance and excellent compatibility with the resins most commonly used in water-based coatings. Due to its primary hydroxyl group content, Dispex[®] Ultra PA 4501 is able to crosslink with amino or polyisocyanate resins.

Complete water solubility will be obtained by addition of 8% of AMP 90.

Chemical nature

Fatty-acid-modified polymer

Properties

Physical form

Clear, yellowish liquid

Technical data

(not supply specification)

| | |
|--------------------|--------------------------|
| Density at 20 °C | ~ 1.05 g/cm ³ |
| Active ingredients | ~ 100 % |
| Flash point | > 100 °C |
| Acid value | ~ 41 mg KOH/g |
| Color | ≤ 5 |

Application

Dispex® Ultra PA 4501 is recommended as a grinding vehicle for use in combination with products from our Dispex® Ultra dispersing additives range (e.g. Dispex® Ultra PA 4530).

Recommended concentrations

3 parts Dispex® Ultra PA 4501 on 1 part dispersing agent (solids on solids)

Storage

Keep container tightly closed and dry; store in a cool place.

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Validity

This Technical Data Sheet is valid for all versions of the Dispex® Ultra PA 4501.

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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