

Hydropolat® WE 3987

Product description	Hydropolat® WE 3987 is an nonionic surfactant with primary hydroxyl groups
Chemical nature	Difunctional Copolymer, with primary hydroxyl groups, 100 %

Properties

Physical form	Prills
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Technical data (not supply specification)	Average molar mass	~ 7,700 g/mol
	Color, APHA	≤ 100
	Cloud point	10 % in DI-water > 100 °C
	pH value	2,5 % aqueous 5.0 – 7.5
	Water, weight %	≤ 0.75 %
	Melting point	49 °C
	HLB Value	> 24

Application

Hydropalat® WE 3987 is a block copolymer surfactant, which can be used as a medium to low foaming wetting agent.

Due to its OH functionality it can be reacted into reactive systems like baking enamels, PUR systems and other curing systems .

As the product is reacted into the system, overall resistances should be improved.

Recommended concentrations

Typical dosage is between 0.5 to 2.0 percent Hydropalat® WE 3987 calculated on total formulation. This provides a good balance of performance and application properties.

However we recommend to determine the optimum level of Hydropalat® WE 3987 by laboratory trials to achieve optimum performance in the various applications.

Storage

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

Drums/Containers of Hydropalat® WE 3987 should be kept tightly sealed in a dry place in their tightly sealed original packaging. If once opened, they should be tightly resealed each time material is taken from them.

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Validity

This Technical Data Sheet is valid for all versions of the Hydropalat® WE 3987.

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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