Loxanol® MI 6835

Product description

Hydrophobizing agent

- Hydrophobizing agent for paints and textured finishes
- Improves water resistance in the early stages of drying
- Enhances early rain resistance

Chemical nature

Branched polyethyleneimine

Properties

Physical form

Slightly cloudy, colorless to yellowish liquid

Technical data

(not supply specification)

Viscosity, dynamic	ISO 2431 (Fordbecher, 20 °C)	80 – 130 s
Solid content	ISO 1269/B (2g, 140 °C, 2h)	48.0 – 52.0 %
Residual Content Ethyleneimine		< 0.1 ppm

Application

Loxanol® MI 6835 is recommended as an additive in paints, textured finishes and floor screeds based on polymer dispersions that have been neutralized with volatile bases such as ammonia. It improves their water resistance in the early stages of drying and enhances their initial resistance to rainwater.

Recommended concentrations

3 – 5 % (as supplied) on polymer dispersion

An effective method of adding Loxanol® MI 6835 to paints, textured finishes and floor screeds is to mix it with the polymer dispersion before the solid constituents are mixed in.

It is recommended to check the compatibility and miscibility of Loxanol® MI 6835 with other ingredients of the formulations. For example Loxanol® MI 6835 can cause substantial yellowing in formulations that contain polymers of vinyl acetate.

Storage

Loxanol® MI 6835 should be stored in a cool dry place at temperatures of 10 – 30 °C.

During storage this product must not be allowed to come into contact with metals that are susceptible to corrosion. It is important to ensure that containers are kept tightly sealed, and the headspace of bulk storage tanks must be kept saturated with water vapor. The product must not be exposed to high temperatures and it must be protected from frost.

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Validity

This Technical Data Sheet is valid for all versions of the Loxanol® MI 6835.

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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