

Efka® RM 1463



general

rheology modifier for solvent based systems

- pre-activated polyamide wax thickener
- enhanced anti-sagging and anti-settling properties
- applicable in most solvent based synthetic resin systems for industrial, architectural, heavy duty and marine coatings

chemical nature

polyamide wax

Properties

physical form

yellowish white paste

storage

Efka® RM 1463 should be stored in room temperature preferably above 10°C (50°F).

typical properties (no supply specification)

| | |
|---------------------------|----------------------------|
| solid content | ~ 20% |
| density | ~ 0.88 g/cm ³ |
| solvents | xylene, ethanol |
| incorporation temperature | 10°C – 60°C (50°F – 140°F) |

Application

Efka® RM 1463 is a rheology modifier for solvent based systems. It can be used in a broad range of formulations with most commonly used resins, such as medium and short oil alkyds as well as acid curing alkyd systems, chlorinated rubbers, vinyls and unsaturated polyesters. It is specially recommended in heavy duty anti-corrosive systems based on polyurethanes and epoxies where strong anti-sagging properties are required.

Efka® RM 1463 creates a sharp needle network structure with hydrogen/oxygen bonding. This results in a good anti-settling effect in pigment preparations and a good anti-sagging and anti-settling effect in the final paint.

Care should be taken in baking systems like alkyds melamine to avoid a loss of inter-coat adhesion.

recommended concentrations

For anti-settling: 0.5 – 2.0%

For anti-sagging: 2.0 – 5.0%

We recommend to determine the optimum dosage level of Efka® RM 1463 by laboratory trials to achieve the desired performance. Efka RM 1463 is a pre-activated polyamide wax. No heat is required for activation.

Efka® RM 1463 should be added to the final stage of the paint formulation. It is recommended to disperse the additive under moderate shear conditions.

Care should be taken for over-grinding and over-heating as this will break down the sharp needle network structure.

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Validity

This Technical Data Sheet is valid for all versions of the Efka® RM 1463.

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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