

Loxanol® MI 6627

general

Highly effective corrosion inhibitor in combination with zinc phosphate for waterborne and solvent borne systems.

Loxanol® MI 6627 increases the anti-corrosive effect of pigments which form protective layers in the anodic zone. However, due to its extremely low water solubility Loxanol® MI 6627 also improves the stability of anti-corrosive coatings manufactured with it. Besides its excellent dispersability, it also exhibits an outstanding stability against sedimentation.

chemical nature

Zinc salt of an organic nitrogen compound

Properties

physical form

white powder

shelf life

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

typical properties (no supply specification)

particle size distribution	99% < 16µm
zinc content	~ 47%
bulk density	~ 200 g/L
saponification value	~ 60

Application

The following example shows the improvement in the rust protection of an alkyd resin primer when using a low level of Loxanol® MI 6627 in conjunction with zinc phosphate:

Air drying alkyd resin primer - pigment-
volume concentration = approx. 41%

Pigmentation

Rutile titanium dioxid	14 % by volume
Micronised talc	14 % by volume
Barium sulphate	48 % by volume
Zinc phosphate	24 % by volume

without Loxanol® MI 6627	55 %	(anticorrosive value)
with 0.9 % Loxanol® MI 6627	80 %	(anticorrosive value)

recommended concentrations

According to the results of our rust protection tests the optimum dosage is about 1 - 2 %, calculated on total paint.

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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