

Efka[®] IO 6782

General

Additive to increase conductivity

Efka[®] IO 6782 increases the conductivity of coating systems. This is especially important for electrostatically sprayed paints.

Chemical nature

Cationic compound, halogen-free

Properties

Physical form

Clear yellowish liquid

Technical data

(not supply specification)

| | | |
|------------------------|----------------|---------------------------------|
| Solvent | | Isobutanol |
| Density | (20 °C) | 0.940 – 0.970 g/cm ³ |
| Solid content | (1h at 120 °C) | 68.0 – 72.0 % |
| Flash point | | ~ 27 °C |
| Colour value (Gardner) | (20 °C) | ≤ 4 |
| Refractive index | (20 °C) | 1.438 – 1.442 |

Application

Efka® IO 6782 can be used in most kinds of coating systems containing polar and non-polar solvents.

In paints containing only white spirit, Efka® IO 6782 should be prediluted with butanol at 1:1 or 1:2 proportions to improve efficiency by improving solubility and distribution.

Since Efka® IO 6782 is of cationic nature, compatibility with other parts of the recipe should be tested before use. Anionic components may react with Efka® IO 6782 and thus reduce efficiency. Wetting agents from the Efka® 4000 and Efka® 5000 series can be used without limitation.

Recommended concentrations

The usual concentration is 0.1 – 1.0 % by weight as supplied based on the total formulation.

Efka® IO 6782 should be added at the end of the preparation of the batch.

Storage

Efka® IO 6782 should be stored in a cool and dry place. When kept in original unopened containers, it has a total shelf life of 4 years from the date of manufacture.

When stored at low temperatures, the product may become hazy and crystallize. These effects do not influence the quality of the product, they can be reversed by heating.

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Validity

This Technical Data Sheet is valid for all versions of the Efka® IO 6782.

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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