

Efka® IO 6779

general	Efka® IO 6779 is a cationic additive to increase the electric conductivity of industrial coatings
chemical nature	80 % solution of tetraalkyl ammonium ethyl sulphate in butanol

Properties

physical form	yellowish liquid
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)	
	Active ingredients (ISO 3251) ~ 80%
	Color (Gardner) ~ 0-2
	Flash point (ISO 3679-83) ~ 36 °C
	Density (DIN 51757) ~ 0,95 g/cm ³

Application

Due to its strong polar character Efka® IO 6779 increases the electric conductivity or, in other words, decreases the electric resistance of a liquid or solid paint film. The product being highly surface active encourages dispersion of the paint into fine droplets whilst being electrostatically sprayed.

Although Efka® IO 6779 may be added to the mill base prior to pigment dispersion it is predominately used as a post-additive. This allows the conductivity to be specifically adjusted to suit the requirements of the spraying equipment used. However, in case of a post-addition it is essential that it should be properly stirred into the batch to ensure adequate dispersion.

recommended concentrations

The dosage depends on the desired degree of conductivity and the polarity of the solvents but is usually between 0.2 and 1 %.

storage

Keep away from fire.

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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BASF SE
Formulation Additives
67056 Ludwigshafen, Germany
www.dispersions-pigments.basf.com
formulation-additives-europe@basf.com
formulation-additives-asia@basf.com
formulation-additives-nafta@basf.com
formulation-additives-south-america@basf.com