

Efka[®] MI 6790 ED

Product description Efka[®] MI 6790 ED prevents building up of direct current potentials during electrostatic powder spray coating.

Chemical nature Polar, long-chain ester based on natural raw materials

Properties

Physical form White to yellowish pearls

Technical data

(no supply specification)

Melting point		~ 60 °C
Surface resistance	DIN/IEC 93	~ 10 ⁸ Ohm (stiff block)
Water content		max. 1 %
Refractive index (60 °C)		~ 1.448
Density (60 °C)		~ 0.920 g/cm ³
Acid value		max. 2 mg KOH/g

Application

Efka[®] MI 6790 ED prevents build-up of direct current potentials during electrostatic powder spray coating.

This allows, particularly with high direct current voltage, to increase the output speed and uniform thick coatings to be obtained, especially on object edges and ends. Additionally, Efka[®] MI 6790 increases the throughput during powder production and improves substrate wetting.

Formulation guideline

Approx. 1 % calculated on total formula. Efka[®] MI 6790 ED is added to the binder/pigment blend before extrusion.

Storage

Keep container tightly closed and dry. Keep in a cool place. Protect from temperatures above 40 °C. After exceeding the temperature limit, the product is no longer free-flowing.

Avoid dust formation. The product is capable of dust explosion. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

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Validity

This Technical Data Sheet is valid for all versions of the Efka® MI 6790 ED.

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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