

CERAFLOUR 991

Micronized polyethylene wax for solvent-borne coating systems and powder coatings for improving surface properties.

Product Data

Composition

Micronized polyethylene wax

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density:	0.95 g/ml	
Melting point:	115 °C	
Particle size distribution (laser diffraction, volume distribution):	D50: 5 µm	D90: 9 µm
Supplied as:	Micropowder	

Food Contact Legal Status

The additive is suitable for applications with food contact.

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

Temperature sensitive. To be stored and transported at a temperature below 50 °C.

Applications

Coatings and Printing Inks

Special Features and Benefits

The additive enhances surface slip and improves surface protection. It is recommended for solvent-borne and solvent-free systems.

Recommended Levels

0.3-0.5 % additive (as supplied) based upon the total formulation; in printing inks, 1-5 %.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive is preferably incorporated at the end of the production process at a moderate shear rate.

Powder Coatings

Special Features and Benefits

The additive is recommended for matting powder coatings and it also improves surface slip and surface protection.

Recommended Use

CERAFLOUR 991 is recommended for powder coatings based on polyester/TGIC/primid/powder link, polyester/epoxy, acrylate, polyurethane and epoxy.

Recommended Levels

0.5-2 % additive (as supplied) based upon the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive should be mixed with resin, hardener, pigments and other additives using a high speed mixer and extruded along with all the components.



Additive Guide



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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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