

CERAFLOUR 970

Micronized polypropylene-based wax for solvent-borne coating systems and powder coatings to improve anti-slip properties and for matting.

Product Data

Composition

Micronized polypropylene wax

Typical Properties

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

Density (20 °C):	0.90 g/ml	
Melting point:	160 °C	
Particle size distribution (laser diffraction, volume distribution):	D50: 9 µm	D90: 14 µm
Supplied as:	Micropowder	

Food Contact Legal Status

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

Powder Coatings

Special Features and Benefits

The additive reduces the gloss level and causes an anti-slip effect if higher dosages are used. The adhesion of sealers is improved as well as the protective effect of coatings against moisture.

Recommended Use

CERAFLOUR 970 is recommended for powder coatings based on polyester/TGIC/primid/powder link, polyester/epoxy, acrylate, polyurethane and epoxy.

Recommended Levels

0.5-4 % additive (as supplied) based on 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

CERAFLOUR 970 should be mixed with resin, hardener, pigments and other additives using a high-speed mixer and extruded along with all components.

Liquid Coatings

Special Features and Benefits

The additive reduces the gloss level and causes an anti-slip effect in all solvent-borne coating systems.

Recommended Levels

0.5-5 % additive (as supplied) based on 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 is preferably incorporated into the coating at the end of the production process at a moderate shear rate.



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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