

CERAFLOUR 996

Micronized, PTFE-modified polyethylene wax for solvent-borne coatings and powder coatings to improve surface properties.

Product Data

Composition

Micronized, PTFE-modified polyethylene wax

Typical Properties

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

Density (68 °F):	8.01 lbs/US gal
Melting point:	239 °F
Particle size distribution (laser diffraction, volume distribution):	D50: 6 µm D90: 11 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 (122 °F).

Applications

Powder Coatings

Special Features and Benefits

The additive increases surface slip and scratch resistance and reduces spot sensitivity in powder coatings.

Recommended Levels

0.5-2 % 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 996 should be mixed with resin, hardener, pigments and other additives using a high-speed mixer and extruded along with all components.

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Liquid Coatings

Special Features and Benefits

The additive increases the surface slip of solvent-borne coatings and improves scratch resistance, metal marking resistance and black heel resistance. It also increases the hydrophobic properties of coating surfaces.

Recommended Use

Architectural coatings	<input checked="" type="checkbox"/>
Industrial coatings	<input checked="" type="checkbox"/>
Protective coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Coil coatings	<input checked="" type="checkbox"/>

especially recommended recommended

Recommended Levels

0.3-2 % 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.



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