CERAFLOUR 981

Micronized PTFE for solvent-borne and solvent-free coating systems and powder coatings to improve the scratch resistance and surface slip.

Product Data

Composition
Micronized PTFE

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

Density:	19.03 lbs/US gal	
Particle size distribution (laser diffraction, volume distribution):	D50: 3 µm	D90: 6 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, scratch resistance and heat resistance of the surfaces.

Recommended Use
CERAFLOUR 981 is recommended for powder coatings based on polyester/TGIC/primid/powder link, polyester/epoxide, acrylate, polyurethane and epoxides.

Recommended Levels
0.1-0.3 % 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 981 should be mixed with the 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 scratch resistance and is suitable for solvent-borne and solvent-free coating systems.

Recommended Levels
0.1-0.3 % 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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