Data Sheet Issue 09/2014

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 PTFF

Typical Properties

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

Density: 2.28 g/ml

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.

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.







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