# 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.

# CERAFLOUR 991

Data Sheet
Issue 09/2013

## 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.



**BYK-Chemie GmbH**
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

**info@byk.com**
**www.byk.com/additives**