

# CERAFLOUR 1000

Biodegradable, micronized polymer with wax-like properties based on renewable raw materials for aqueous, solvent-borne and solvent-free systems for matting and improving surface protection and haptics (soft feel effect). Good matting, especially also in radiation curable systems.

## Product Data

### Composition

Micronized, modified organic polymer

### Typical Properties

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

Density:	1.25 g/ml	
Melting point:	175 °C	
Particle size distribution (laser diffraction, volume distribution):	D50: 5 µm	D90: 11 µm
Supplied as:	Micropowder	

**VOC-free (< 1500 ppm)**

**Percentage of renewable raw materials: 100 %**

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Storage and Transportation

Temperature sensitive. To be stored and transported at a temperature below 50 °C. CERAFLOUR 1000 is readily biodegradable and is therefore sensitive to microbial attack if stored in open containers in a humid environment.

## Applications

### Coatings Industry

#### Special Features and Benefits

CERAFLOUR 1000 enhances scratch resistance and improves anti-blocking properties and haptics (soft feel effect). The additive has a matting effect, especially in radiation curable systems, and produces highly transparent coatings. It has no effect on viscosity and surface slip and does not have a foam stabilizing effect. CERAFLOUR 1000 is readily biodegradable and is composed of 100 % renewable raw materials.

## Recommended Use

The additive is recommended for aqueous, solvent-borne and solvent-free systems.

Architectural coatings	■
Industrial coatings	■
Wood and furniture coatings	■
Leather coatings	■

■ especially recommended

## Recommended Levels

1-10 % 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 preferably be post-added using a low shear rate. Aqueous slurries of CERAFLOUR 1000, which cannot be processed immediately, should be provided with a suitable preservative so as to avoid microbial attack.



Additive Guide



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

[info@byk.com](mailto:info@byk.com)  
[www.byk.com/additives](http://www.byk.com/additives)

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