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

VOC-free (< 1500 ppm)

Percentage of renewable raw materials: 100 %

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	

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. 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.

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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.

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