

CERAFLOUR 1003

Bio-based, micronized polysaccharide with wax-like properties for aqueous and solvent-based systems for matting and maintaining high transparency.

Product data

Composition

Micronized polysaccharide

VOC-free (< 1500 ppm)
 From bio-based raw materials

Typical properties

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

Density (20 °C):	1.50 g/cm ³
Decomposition point:	200 °C
Particle size distribution D50:	13 µm
Particle size distribution D90:	19 µm
Bio-based carbon content (ASTM D6866):	100 %
Delivery form:	micropowder

Storage and transportation

Product shelf life in unopened original packaging: 24 months

Temperature sensitive. To be stored and transported at a temperature below 50 °C.

Special note

CERAFLOUR 1003 is bio-based and therefore sensitive to microbial contamination when stored in open containers in a humid environment.

Applications

Coatings industry

Special features and benefits

CERAFLOUR 1003 has a matting effect and forms a texture effect on the surface. The polymer nevertheless retains its excellent clarity. It has no effect on viscosity and has a particularly matting effect in solvent-based systems. CERAFLOUR 1003 is bio-based and consists of 100 % renewable raw materials.

Recommended use

Wood and furniture coatings	<input checked="" type="checkbox"/>
Architectural coatings	<input checked="" type="checkbox"/>

especially recommended recommended

Recommended levels

1-5 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The additive should preferably be incorporated into the coating at the end of the production process at medium to high shear rates. Aqueous slurries of CERAFLOUR 1003 that are not processed immediately must be protected against microbial contamination with suitable preservatives.



Your local
contact

BYK-Chemie GmbH

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
info@byk.com
www.byk.com



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