CERAFLOUR 1010

Bio-based, micronized rape seed wax. Suitable for use in aqueous, solvent-based, solvent-free and UV systems to achieve a high level of matting and improve mechanical properties.

Product data

Composition
Micronized rape seed wax

VOC-free (< 1500 ppm)
BRC content: 100 %

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

Density (20 °C):	0.91 g/cm³
Melting point:	70 °C
Particle size distribution D50:	6 µm
Particle size distribution D90:	16 µm
Bio-based carbon content (ASTM D6866):	100 %
Delivery form:	Micropowder

Storage and transportation
Temperature sensitive. Do not store and transport above 50 °C. CERAFLOUR 1010 is biobased and therefore sensitive to microbial contamination when stored in open containers in a humid environment.

Applications

Coatings industry

Special features and benefits
CERAFLOUR 1010 increases scratch and abrasion resistance. The additive has a strong matting effect and can be incorporated in all systems. It has no effect on viscosity. The polymer ensures, especially in solvent-free and UV systems, a very homogeneous and smooth surface. CERAFLOUR 1010 is bio-based and consists of 100 % renewable raw materials

Recommended use

Wood and furniture coatings	■
General Industrial Coatings	■
Architectural coatings	□

■ especially recommended □ recommended

Recommended levels

0.5–10 % 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 high shear rate. Aqueous slurries of CERAFLOUR 1010 that are not processed immediately must be protected against microbial contamination with suitable preservatives.

Special note

When using the additive in solvent-based systems, the compatibility of the product in the particular solvents used must be tested.

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com