

CERAFLOUR 927

Micronized, modified polyethylene wax for improving mechanical properties and for matting aqueous systems.

Product Data

Composition

Micronized, modified HD polyethylene wax

Typical Properties

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

Density (20 °C):	1.05 g/ml
Melting point:	125 °C
Particle size distribution (laser diffraction, volume distribution):	D50: 9 µm D90: 15 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.

Applications

Coatings Industry

Special Features and Benefits

CERAFLOUR 927 is particularly suitable for aqueous, co-solvent-free coating systems. The additive improves the scratch resistance and abrasion resistance of coatings and also achieves good matting due to the excellent orientation of the wax particles. Easy to use and incorporate.

Recommended Use

Architectural coatings	■
Industrial coatings	■
Wood and furniture coatings	■

■ especially recommended

Recommended Levels

0.5-6.0 % additive (as supplied) based on the total formulation, depending on the required level of gloss.

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 can be easily incorporated into aqueous coating systems. It should preferably be post-added and stirred into the coating using a low shear rate.

Printing Inks

Special Features and Benefits

CERAFLOUR 927 is particularly suitable for aqueous overprint varnishes. The additive improves the scratch resistance and abrasion resistance of overprint varnishes. Easy to use and incorporate.

Recommended Levels

0.2-2.0 % additive (as supplied) based on 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 can be easily incorporated into aqueous systems. It should preferably be post-added and stirred into the overprint varnish using a low shear rate.

Leather Coatings

Special Features and Benefits

CERAFLOUR 927 is particularly suitable for aqueous, co-solvent-free leather and artificial leather coatings. The additive improves the scratch resistance and abrasion resistance of the systems and also achieves good matting due to the excellent orientation of the wax particles. Easy to use and incorporate.

Recommended Levels

0.5-6.0 % additive (as supplied) based on the total formulation, depending on the required level of gloss.

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 can be easily incorporated into aqueous systems. It should preferably be post-added and stirred into the coating using a low shear rate.



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
www.byk.com

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