CERAFLOUR 920

Micronized organic polymer for solvent-borne and aqueous coatings and printing inks for matting. In UV-curable powder coatings it improves surface hardness and has a matting effect.

Product Data

Composition
Micronized, organic polymer

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

Density:	1.47 g/ml	
Particle size distribution (laser diffraction, volume distribution):	D50: 5 µm	D90: 16 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.

Special Note
CERAFLOUR 920 can react with some binders, e.g. moisture-curing polyurethanes.

Applications

Coatings and Printing Inks

Special Features and Benefits
The additive has a matting effect and simultaneously improves scratch resistance, metal marking resistance and sandability. It is recommended for solvent-borne and aqueous systems.

Recommended Use

Architectural coatings	■
Industrial coatings	■
Coil coatings	■
Wood and furniture coatings	■
Protective coatings	■
Leather coatings	□
Printing Inks and Overprint Varnishes	□

■ especially recommended □ recommended

Recommended Levels
0.5-10 % additive (as supplied) based on the total formulation, depending on the desired degree 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 is preferably incorporated into the coating at the end of the production process at a moderate shear rate.

Powder Coatings

Special Features and Benefits
The additive is recommended for matting UV powder coatings and it also improves surface hardness and therefore surface protection.

Recommended Use
CERAFLOUR 920 is recommended for all UV-curable powder coatings. The matting effect can be reinforced in combination with CERAFLOUR 950.

Recommended Levels
2-8 % additive (as supplied) based on the total formulation, depending on the desired degree 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 should be mixed with resin, hardener, pigments and other additives using a high-speed mixer and extruded along with all the components.

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/additives