

## CERAFLOUR 920 Cod. 14002410

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

Urea-aldehyde resin

#### Typical Properties

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

Density: 1.47 g/cm<sup>3</sup>  
 Particle size distribution (laser diffraction, volume distribution): D50: 5 µm D90: 16 µm  
 Supplied as: Micropowder

#### 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	<input checked="" type="checkbox"/>
Industrial coatings	<input checked="" type="checkbox"/>
Coil coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Protective coatings	<input checked="" type="checkbox"/>
Leather coatings	<input type="checkbox"/>
Printing Inks and Overprint Varnishes	<input type="checkbox"/>

especially recommended  recommended

## CERAFLOUR 920

Data Sheet  
Issue 08/2021

### 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](mailto:info@byk.com)  
[www.byk.com](http://www.byk.com)

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This issue replaces all previous versions.