CERAFLOUR 921

Micronized organic polymer for solvent-borne and aqueous coatings for matting.
The additive is only available on the North American market.

Product Data

Composition
Micronized, organic polymer

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

Particle size distribution (laser diffraction, volume distribution):	D50: 6 µm	D90: 18 µm
Supplied as:	Micropowder	

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

Special Note
CERAFLOUR 921 contains 15 weight percent water. However, the water is chemically bound and cannot be released into the coating formulation. The additive therefore has a solids content of 100 % and contains no volatile components. For this reason, CERAFLOUR 921 is also very stable in solvent-borne systems and in solvent-free UV systems. The water content increases the polarity of the additive, however, and thereby enables easier incorporation into aqueous systems. CERAFLOUR 921 may react with some binders, e.g. moisture-curing polyurethanes.

Applications

Coatings Industry

Special Features and Benefits
The additive has a matting effect and simultaneously improves scratch resistance, metal marking resistance, and sandability. It can be used in most coating systems.

Recommended Use

Architectural coatings	■
Protective coatings	■
Industrial coatings	□

■ especially recommended □ recommended

Recommended Levels

0.5-10 % additive (as supplied) based on the total formulation, depending on the desired gloss level.

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 preferably be incorporated into the coating at a medium shear rate at the end of the production process.

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