CERAFLOUR 962

Highly effective wax additive for improved degassing of powder coatings on porous substrates.

Product Data

Composition
Micronized, modified polyethylene wax

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

Density:	1.00 g/cm³	
Melting point:	140 °C	
Particle size distribution (laser diffraction, volume distribution):	D50: 9 µm	D90: 21 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

Powder Coatings

Special Features and Benefits
The additive improves the degassing of powder coatings, which are applied to porous substrates. It reduces the formation of pinholes and air bubbles and optimizes the scratch resistance.

Recommended Use
CERAFLOUR 962 is used in powder coatings based on polyester/TGIC/Beta-HAA/epoxy-functional glycidyl esters, polyester/epoxy, polyurethane, acrylate, and epoxy.

Recommended Levels
0.5-2 % additive (as supplied) based on the total formulation when extruding with all formulation components.
0.5-4 % additive (as supplied) based on the total formulation with post-addition to the powder coating.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions
The product should be mixed with the resin, hardener, pigments and other additives using a high-speed mixer and extruded along with all components. As it is a free-flowing product, CERAFLOUR 962 can also be added as a post additive. With sufficiently thorough mixing, it can be added to the finished powder coating without leading to seeding.

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Additive Guide

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