

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/ml | |
| 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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Data Sheet
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Additive Guide



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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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