

CERAFLOUR 963

Wax additive for improved outgassing of powder coatings on porous substrates.

Product Data

Composition

Micronized modified polyethylene wax

Typical Properties

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

Melting point: 284 °F
Particle size distribution (laser diffraction, volume distribution): D50: 9 µm / D90: 24 µm

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 (122 °F).

Applications

Powder Coatings

Special Features and Benefits

The additive improves outgassing of powder coatings applied to porous substrates.
Formation of pinholes, craters, and bubbles is reduced and scratch resistance is increased.

Recommended use

CERAFLOUR 963 is effective in powder coatings based on polyester/TGIC/beta-HAA/epoxy-functional glycidylesters, polyester/epoxy, polyurethane, acrylate and epoxy.

Recommended Levels

0.5-2 % additive (as supplied) based upon total formulation for extrusions with all components.
0.5-4 % additive (as supplied) based upon total formulation for post-addition to finished powder coatings.

Incorporation and Processing Instructions

The product should be mixed with resin, hardener, pigments and other additives using a high-speed mixer and extruded with all components. As a free flowing product, CERAFLOUR 963 can also be post-added. It can be easily dispersed into finished powder coatings without seeding.

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This issue replaces all previous versions – Printed in the USA