CERAFLOUR 964

Blooming-free wax additive for improved degassing of all powder coating systems, in particular beta-HAA and low-temperature systems.

Product Data

Composition
Micronized amide 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:	75 °C	
Particle size distribution (laser diffraction, volume distribution):	D50: 45 µm	D90: 90 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 30 °C.

Special Note
Do not exceed a maximum curing temperature of 180 °C.

Applications

Powder Coatings

Special Features and Benefits
CERAFLOUR 964 ensures improved degassing of powder coatings (primarily HAA systems) with no negative impact on gloss (non-blooming). The additive does not migrate to the surface and will not affect optical properties. Due to its low melting point, CERAFLOUR 964 should be used in systems that cure at lower temperatures. Due to the low melting point and the strong degassing properties the recommended maximum curing temperature is 180 °C.

Recommended Use
CERAFLOUR 964 can be used in all powder coating systems but is particularly recommended for polyester-HAA systems. The additive is very suitable for high gloss powder coatings and is especially advised for darker colors in situations where a surface film would cause clearly visible defects. It is particularly recommended for low-temperature systems (LT systems) because of its low melting point.

Recommended Levels

0.5-2.0 % additive (as supplied) based on the total formulation.

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.

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