

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/ml	
Melting point:	75 °C	
Particle size distribution (laser diffraction, volume distribution):	D50: 20 µm	D90: 50 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.

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 form a surface film that could affect optical properties. Due to its low melting point, CERAFLOUR 964 can be used in systems that cure at lower temperatures.

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.



Additive Guide



BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYPK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. ACTAL®, ADJUST®, ADVITROL®, ASTRABEN®, BENTOLITE®, CLAYTONE®, CLOISITE®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, LAPONITE®, MINERAL COLLOID®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PURE THIX®, RHEOCIN®, RHEOTIX®, RIC-SYN®, TIXOGEL®, and VISCOSEAL® are registered trademarks of BYK Additives. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAX®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera. SCONA® is a registered trademark of BYK Kometra.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions – Printed in Germany