

High Performance UV Absorber

GENERAL INFORMATION

NANOX 200 is an easily dispersed, highly effective UV absorbing nanometer sized zinc oxide powder.

PHYSICAL PROPERTIES

Appearance	White powder
Composition	Zinc Oxide
Avg. Particle Size (nm)	50- 60
Surface Area (m ² /g)	17-21
Bulk density (g/cm ³)	5.6

APPLICATIONS

- Coatings
- Inks
- Packaging films
- Plastics
- Cosmetics

KEY PROPERTIES

- Highly transparent
- Strong UV A and UV B absorption
- High Purity
- Permanent UV absorption
- FDA approved for food contact plastics

INCORPORATION

Can be incorporated into coatings and inks with a high-shear equipment.

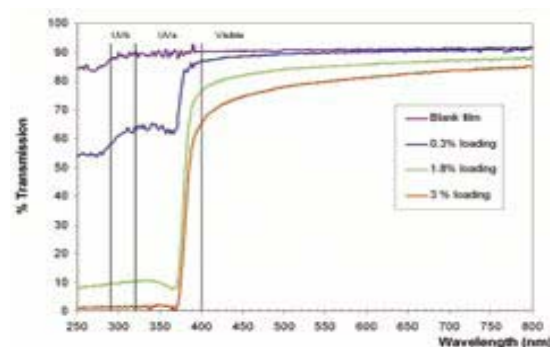
In plastics applications, it is incorporated in during extrusion process

LEVELS OF USE

Optimum use level is dependent on the desired level of UV protection. A ladder test will allow the user to determine the optimum dosage, compatibility and performance for the application.

BROAD-SPECTRUM UV ABSORPTION

UV- % Transmission of nominal 50 micron packaging films with various loadings of NANOX™200



REGULATORY

For the most current regulatory status, please refer to the MSDS for NANOX 200. It may be viewed and downloaded from our website at:

www.elementis-specialties.com

HANDLING AND SAFETY

More detailed information on handling and safety for each product is included in the relevant material safety data sheet, available for each product.

STORAGE RECOMMENDATIONS

Store in a cool, dry place

PACKAGING

NANOX 200 is available in 10 KG bags. Please contact your local Elementis Specialties representative for the packaging available in your region.

SHELF LIFE

NANOX 200 has a shelf life of 2 (two) years from date of manufacture.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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PRODUCT NUMBER

10789

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

USA Head Office

Elementis Specialties, Inc.
329 Wyckoffs Mill Road
Hightstown, NJ 08520
USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne
Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Malaysia

Elementis Specialties, Inc.
Lot PT 55, 64 & 65
Jalan Hulu Tinggi 26/6
Seksyen 26
40400 Shah Alam
Selangor Darul Ehsan
Malaysia
Tel.: +60 3 5191 9979
Fax: +60 3 5191 6811

China

Deuchem (Shanghai) Chemical Co., Ltd.
99, Liayang Road
Songjiang Industrial Zone
Shanghai
China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563