

## Product Information

# ACEMATT® OK 500

### Characteristic physico-chemical data<sup>\*)</sup>

Properties and Test Methods	Units	Value
<b>Loss on drying</b> 2 h at 105 °C following ISO 787-2	%	6
<b>Loss on ignition<sup>1)</sup></b> 2 h at 1000 °C following ISO 3262-1	%	13
<b>pH value</b> 5% in water following ISO 787-9	–	6
<b>Sulfate content as SO<sub>4</sub></b> IR spectrometrically Internal method	%	1
<b>Particle size, d50</b> Laser diffraction following ISO 13320-1	µm	6.0
<b>Surface treatment</b>		organic
<b>Tamped density</b> not sieved following ISO 787-11	g/l	130
<b>Density</b> following ISO 787-10	g/cm <sup>3</sup>	1.9
<b>Oil absorption</b> following ISO 787-5	g/100g	220
<b>SiO<sub>2</sub> content<sup>2)</sup></b> following ISO 3262-19	%	98
<b>Package size (net)</b>	kg	15

1) based on dried substance

2) based on ignited substance

\*) The given data are typical values.  
Specifications on request.

ACEMATT® Matting agents are high performance silica developed for a variety of applications in Paints & Coatings.

ACEMATT® OK 500 is an organically surface treated, easily dispersible matting agent for general applications.

### Application and characteristics

This matting agent allows exceptional surface characteristics with excellent slip-effect, also in pigmented coatings. As a result of its outstanding suspension behavior, it is especially suitable for use in clear coats.

ACEMATT® OK 500 is recommended for coatings in which ACEMATT® OK 412 may cause drying retardation.

### Registrations

EINECS (Europe)	registered
USA (TSCA)	registered
Canada (DSL)	registered
Australia (AICS)	registered
Korea (ECL)	registered
Japan (ENCS)	registered
Philippines (PICCS)	registered
China (IECS)	registered
New Zealand	registered

---

This information and all technical and other advice are based on Evonik's present knowledge and experience. However, Evonik assumes no liability for such information or advice, including the extent to which such information or advice may relate to third party intellectual property rights. Evonik reserves the right to make any changes to information or advice at any time, without prior or subsequent notice. EVONIK DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, AND SHALL HAVE NO LIABILITY FOR, MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE), OR OTHERWISE. EVONIK SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. It is the customer's sole responsibility to arrange for inspection and testing of all products by qualified experts. Reference to trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used.

---



**EVONIK**  
INDUSTRIES

**Europe/Middle-East/  
Africa/Latin America  
Evonik Degussa GmbH**

Inorganic Materials  
Weißfrauenstr. 9  
60287 Frankfurt am Main  
Germany

**PHONE** +49 69 218-2613  
**FAX** +49 69 218-62613  
ask-si@evonik.com

[www.evonik.com](http://www.evonik.com)

**NAFTA  
Evonik Degussa Corporation**

Inorganic Materials  
379 Interpace Parkway  
P.O. Box 377  
Parsippany, NJ 07054-0677  
USA

**PHONE** +1 888 745-4227  
**FAX** +1 732 981-5310  
ask-si-nafta@evonik.com

**Asia / Pacific  
Evonik Degussa (SEA) Pte. Ltd.**

Inorganic Materials  
3 International Business Park  
#07-18 Nordic European Centre  
Singapore 609927

**PHONE** +65 6 890-6031  
**FAX** +65 6 890-6872  
ask-si-asia@evonik.com