

Product Information

ACEMATT® OK 607

Characteristic physico-chemical data^{*)}

Properties and Test Methods	Units	Value
Loss on drying 2 h at 105 °C following ISO 787-2	%	6
Loss on ignition¹⁾ 2 h at 1000 °C following ISO 3262-1	%	13
pH value 5% in water following ISO 787-9	–	6
Sulfate content as SO₄ IR spectrometrically Internal method	%	1
Particle size, d50 Laser diffraction following ISO 13320-1	µm	4.5
Surface treatment		organic
Tamped density not sieved following ISO 787-11	g/l	115
Density following ISO 787-10	g/cm ³	1.9
Oil absorption following ISO 787-5	g/100g	220
SiO₂ content²⁾ following ISO 3262-19	%	98
Package size (net)	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 607 is an easily dispersible, organically treated matting agent with a very low average particle size.

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. Distinctive features, apart from its particle size, are the resultant exceptional surface smoothness and sheen; that means ACEMATT® OK 607 leads to a high gloss value at an 85° observation angle. Especially suited for use in thin lacquer systems with exceptional surface finish.

ACEMATT® OK 607 is also ideally suited for water-based lacquer systems where matting agents with a larger particle size would result in the coating surface being too rough.

Registrations

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USA (TSCA)	registered
Canada (DSL)	registered
Australia (AICS)	registered
Korea (ECL)	registered
Japan (ENCS)	registered
Philippines (PICCS)	registered
China (IECS)	registered
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**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

**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