

Product Information

ACEMATT® OK412 LC

Characteristic physico-chemical data^{*)}

Properties and Test Methods	Units	Value
Loss on drying 2h at 105 °C following ISO 787-2	%	6
Loss on ignition¹⁾ 2h 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	%	0.2
Particle size, d50 Laser diffraction following ISO 13320-1	µm	6.0
Surface treatment		organic
Tamped density not sieved following ISO 787-11	g/l	130
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	%	99
Electrical conductivity 5% in water following ISO 787-14	µS/cm	190
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 multitude of applications in Paints & Coatings.

ACEMATT® OK 412 LC is an easily dispersible, organically treated matting agent with low conductivity.

Application and characteristics

Due to a combination of its very low conductivity in comparison with other precipitated silica and its organic treatment, ACEMATT® OK 412 LC is outstanding as a functional extender for use in electronic deposit coatings.

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

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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

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

www.evonik.com