

## AEROSIL® REA 200

### Hydrophobic fumed silica

#### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	110 - 150
pH value in 4% dispersion		8.0 - 10.0
Loss on drying** 2 hours at 105 °C	%	≤ 1.0
C content	%	5.0 - 7.5
Bulk density	g/l	approx. 50
Triboelectric charge*	μC/g	approx. + 300
* Evonik method ** ex plant The data represents typical values (no product specification)		

#### Registrations (substance or product components)

##### AEROSIL® REA 200

CAS-No.	existing
EINECS (Europe)	registered
TSCA (USA)	confirmed by EPA, exempted for toner and dry coatings (no reactions intended)(40 CFR 720.30(h)(7))
DSL (Canada)	exempted, where a substance solely intended to impart a specific physico-chemical characteristic functions
AICS (Australia)	exempted, where a substance solely intended to impart a specific physico-chemical characteristic functions
ENCS (Japan)	registered
IECS (China)	registered
KECI (Korea)	registered
PICCS (Philippines)	registered

AEROSIL® REA 200 is a positive charged hydrophobic fumed silica.

#### Applications and properties

##### Applications

- Toner

##### Properties

- has a positive electrostatic charge and provides a high charge stability to toners
- Efficient free flow aid for toners and dry powders in general

#### Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Resource Efficiency GmbH, Product Safety Department, E-MAIL [sds-hu@evonik.com](mailto:sds-hu@evonik.com) or can be downloaded from our homepage [www.aerosil.com](http://www.aerosil.com). We recommend to read carefully the safety data sheet prior to the use of our product.

#### Packaging and storage

AEROSIL® REA 200 is supplied in multiple-layer 5 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® REA 200 should be used within 1 year after production.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any 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 reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

## Customer Service

### Europe/ Middle-East/ Africa/ Latin America

#### Evonik Resource Efficiency GmbH

Business Line Silica  
PB 010-A410  
Rodenbacher Chaussee 4  
63457 Hanau-Wolfgang  
Germany  
PHONE +49 6181 59 12532  
FAX +49 6181 59 712532  
aerosil@evonik.com  
www.aerosil.com

### North America

#### Evonik Corporation

Business Line Silica  
299 Jefferson Road  
Parsippany, NJ 07054-0677  
USA  
PHONE +1 800-233-8052  
FAX +1 973-929-8502  
aerosil@evonik.com  
www.aerosil.com

### Asia (excluding Japan)

#### Evonik (SEA) Pte. Ltd.

Business Line Silica  
3 International Business Park  
Nordic European Centre, #07-18  
Singapore 609927  
PHONE +65 6809-6877  
FAX +65 6809-6677  
aerosil@evonik.com  
www.aerosil.com

### Japan

#### NIPPON AEROSIL CO., LTD.

Marketing & Sales Division  
P.O. Box 7015  
Shinjuku Monolith 13F  
3-1, Nishi-Shinjuku 2-chrome  
Shinjuku-ku, Tokyo  
163-0913 Japan  
PHONE +81 3 3342-1789  
FAX +81 3 3342-1761  
infonac@evonik.com  
www.aerosil.jp

## Technical Service

### Europe/ Middle-East/ Africa/ Latin America

#### Evonik Resource Efficiency GmbH

Business Line Silica  
HPC 911-221 A  
Rodenbacher Chaussee 4  
63403 Hanau-Wolfgang  
Germany  
PHONE +49 6181 59-3936  
FAX +49 6181 59 4489  
technical.service.aerosil@  
evonik.com  
www.aerosil.com

### North America

#### Evonik Corporation

Business Line Silica  
2 Turner Place  
Piscataway, NJ 08855-0365  
USA  
PHONE +1 888 SILICAS  
PHONE +1 732 981-5000  
FAX +1 732 981-5275  
technical.service.aerosil@  
evonik.com  
www.aerosil.com

### Asia (excluding Japan)

#### Evonik Specialty Chemicals (Shanghai) Co.,Ltd

Business Line Silica  
55 Chundong Road  
Xinzhuang Industry Park  
Shanghai 201108  
P.R. China  
PHONE +86 21 6119-1065  
FAX +86 21 6119-1075  
technical.service.aerosil@  
evonik.com  
www.aerosil.com

### Japan

#### NIPPON AEROSIL CO., LTD.

Applied Technology Group  
3 Mita-Cho  
Yokkaichi, Mie  
510-0841 Japan  
PHONE +81 59 345-5270  
FAX +81 59 346-4657  
infonac@evonik.com  
www.aerosil.jp