

Product Information

▶ AEROSIL® 200

Hydrophilic Fumed Silica

AEROSIL® 200 is a hydrophilic fumed silica with a specific surface area of 200 m²/g.

Applications and Properties

Applications

- Paints and coatings
- Unsaturated polyester resins, laminating resins and gel coats
- HTV- and RTV-2K-silicone rubber
- Adhesives and sealants
- Printing inks
- Cable compounds and cable gels
- Plant protection
- Food and cosmetics

Properties

- Rheology and thixotropy control of liquid systems, binders, polymers, etc.
- Used as anti-settling, thickening and anti-sagging agent.
- Reinforcement of HTV- and RTV-2K silicone rubber.
- Improvement of free flow and anticaking characteristics of powders.

Physico-chemical Data

Properties	Unit	Typical Value
Specific surface area (BET)	m ² /g	200 ± 25
Average primary particle size	nm	12
Tamped density* acc. to DIN EN ISO 787/11, Aug. 1983	g/l	approx. 50
Moisture* 2 hours at 105 °C	wt. %	≤ 1.5
Ignition loss 2 hours at 1000 °C based on material dried for 2 hours at 105 °C	wt. %	≤ 1.0
pH in 4% dispersion		3.7 - 4.7
SiO₂ - content based on ignited material	wt. %	≥ 99.8

* ex plant

The data represents typical values (no product specification)

Safety and Handling

With every sample or initial shipment of our products we will send a Material Safety Data Sheet. Of course, you can also request an MSDS or any other information regarding product safety at any time, or download it as a registered user at www.aerosil.com.

Packaging and Storage

AEROSIL® 200 is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® 200 should be used within 2 years after production.

Registration

AEROSIL® 200					
CAS-No.	EINECS	TSCA (USA), AICS (Australia), DSL (Canada)	ENCS (Japan)	ECL (Korea)	IECS (China)
112 945-52-5 7631-86-9	231-545-4	Registered	1-548	KE-30953 (KE-31032)	Registered

► For further information please contact:

Customer Service

*Europe, Central- and
Southamerica, Africa*

Evonik Degussa GmbH
Inorganic Materials
Weissfrauenstrasse 9
D-60287 Frankfurt am Main,
Germany
Phone: +49 69/218-25 32
Fax: +49 69/218-6 25 32
E-Mail: aerosil@evonik.com
<http://www.aerosil.com>

NAFTA

Evonik Degussa Corporation
Inorganic Materials
379 Interpace Parkway,
P. O. Box 677
Parsippany, NJ 07054-0677
Phone: +1 (800) AEROSIL
Phone: +1 (973) 541-8510
Fax: +1 (973) 541-8501

Asia

NIPPON AEROSIL CO., LTD.
Sales & Marketing Division
P. O. Box 7015
Shinjuku Monolith 13F
3-1, Nishi-Shinjuku 2-chome
Shinjuku-ku, Tokyo
163-0913 Japan
Phone: +81-3-3342-1763
Fax: +81-3-3342-1772

Technical Service

*Europe, Central- and
Southamerica, Africa*

Evonik Degussa GmbH
Inorganic Materials
Rodenbacher Chaussee 4
P. O. Box 1345
D-63403 Hanau-Wolfgang,
Germany
Phone: +49 61 81/59-39 36
Fax: +49 6181/59-40 96

NAFTA

Evonik Degussa Corporation
Inorganic Materials
2 Turner Place
Piscataway, NJ 08855-0365
Phone: +1 (888) SILICAS
Phone: +1 (732) 981-5000
Fax: +1 (732) 981-5275

Asia (without Japan)

Evonik Degussa China Co. Ltd.
Chundong Road,
Xinzhuang Industry Park 55
201108 Shanghai
China
Phone: +86 21/6119 1065
Fax: +86 21/6119 1075

Japan

NIPPON AEROSIL CO., LTD.
Applied Technology Service
3 Mita-cho
Yokkaichi, Mie
510-0841 Japan
Phone: +81-593-45-5270
Fax: +81-593-46-4657

Please visit our website www.aerosil.com to find your local contact.

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