

## AEROSIL® R 8200

### Hydrophobic fumed silica

#### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	135 - 185
pH value in 4% dispersion		≥ 5.0
Loss on drying* 2 hours at 105 °C	%	≤ 0.5
C content	%	2.0 - 4.0
Tamped density* ISO 787-11, modified	g/l	approx. 140
SiO <sub>2</sub> content based on ignited material	%	≥ 99.8
* ex plant The data represents typical values (no product specification).		

#### Registrations (substance or product components)

##### AEROSIL® R 8200

CAS-No.	68909-20-6
REACH (Europe)	exempted
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
KECI (Korea)	registered
IECS (China)	registered
PICCS (Philippines)	registered

AEROSIL® R 8200 is a structure modified with hexamethyldisilazane aftertreated fumed silica.

#### Applications and properties

##### Applications

- Silicone rubber
- Adhesives and Sealants
- Defoamers
- Toner

##### Properties

- Low thickening effect and excellent processability enable high loading levels of polymer systems
- Excellent reinforcing properties in silicone rubber applications at high filler loading levels (e.g. self-levelling RTV-1, RTV-2, LSR)
- Well suited for transparent systems
- Free-flow aid for powders

#### 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® R 8200 is supplied in multiple layer 15 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® R 8200 should be used within 2 years after production.

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