

AEROSIL® R 208

Hydrophobic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	110 ± 30
Carbon content	wt.%	4.5 - 6.5
Tamped density* acc. to DIN EN ISO 787/11, Aug. 1983	g/l	approx. 60
Moisture* 2 hours at 105 °C	wt.%	≤ 0.5
pH in 4% dispersion		4.5 - 6.5
SiO ₂ -content based on ignited material	wt.%	≥ 99.8

* ex plant
The data represents typical values (no product specification).

Registration

AEROSIL® R 208

CAS-No.	67762-90-7
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 208 is a fumed silica aftertreated with a polydimethylsiloxane.

Applications and properties

Applications:

- Adhesives and sealants
- Coatings
- Toner
- Bonding pastes
- Laminating resins and gelcoats
- Corrosion protection systems
- Cable gels
- Greases

Properties:

- Thickening and thixotropy of complex polar liquids, for example epoxy, polyurethane or vinyl ester resins
- Stable viscosity control
- Sag resistance
- Anti-settling
- Superior water resistance

Safety and handling

Information concerning the safety of this product is listed in the corresponding Material Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Industries AG, Product Safety Department, E-MAIL sds-im@evonik.com or can be downloaded from our homepage www.aerosil.com. We recommend to read carefully the material safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® R 208 is supplied in multiple layer 10 kg bags. We recommend storage of the product in closed containers under dry conditions as well as protection from volatile substances. AEROSIL® R 208 should be used within 2 years after production.

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