

AEROSIL® R 9200

Hydrophobic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	150 - 190
pH value in 4% dispersion		3.0 - 5.0
Loss on drying 2 hours at 105 °C	%	≤ 1.5
C content	%	0.7 - 1.3
Tamped density* modified	g/l	approx. 200
SiO ₂ content based on ignited material	%	≥ 99.8
Al ₂ O ₃ content	%	≤ 0.10
Fe ₂ O ₃ content	%	≤ 0.01
TiO ₂ content	%	≤ 0.03
HCl content	%	≤ 0.025
* ex plant The data represents typical values (no product specification).		

Registrations (substance or product components)

AEROSIL® R 9200

CAS-No.	68611-44-9
REACH (Europe)	exempted
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
KECI (Korea)	registered
IECSC (China)	registered
PICCS (Philippines)	registered

AEROSIL® R 9200 is a structure modified, hydrophobic fumed silica.

Applications and properties

Applications

- Paints and coatings
- Silicone rubber
- Free flow

Properties

- Improves the scratch resistance of paints and coatings
- Low rheological effect and excellent processability enable high loading levels of polymer systems
- Effective free flow agent for fine powders, easily to incorporate, does not form agglomerates, allows short mixing time and gentle mixing conditions

Safety and handling

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at sds-hu@evonik.com for specific questions. We recommend to read the safety data sheet carefully prior to use of the product.

Packaging and storage

AEROSIL® R 9200 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 9200 should be used within 2 years after production.

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