

AEROSIL® RX 200

Hydrophobic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	115 - 165
pH value in 4% dispersion		5.5 - 8.5
Loss on drying** 2 hours at 105 °C		≤ 0.5
C content	%	1.5 - 3.5
Bulk density**	g/l	approx. 40
SiO ₂ content based on ignited material	%	≥ 99.8
Triboelectric charge*		negative
* Evonik method ** ex plant The data represents typical values (no product specification).		

Registrations (substance or product components)

AEROSIL® RX 200

CAS-No.	68909-20-6
REACH (Europe)	registered
TSCA (USA) DSL (Canada)	registered
ENCS (Japan) IECSC (China) KECI (Korea) CSNN (Taiwan) PICCS (Philippines)	registered
AICS (Australia) NZIoC (New Zealand)	registered

AEROSIL® RX 200 is a hydrophobic fumed silica aftertreated with organosilane (HMDS) with a medium specific surface.

Applications and properties

Applications

- Toner
- Paints and coatings
- Adhesives and sealants

Properties

- Negative electrostatic charge and provides a high charge stability to toners
- Highly efficient free flow aid for toners and dry powders in general
- Applied to reduce the moisture pick-up
- Anti-settling agent in coatings systems, for the stabilization of pigments and to enhance the effect of corrosion protection
- Effective rheology control in complex liquid systems
- High dispersibility

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 or can be downloaded from our homepage www.aerosil.com. We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® RX 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® RX 200 should be used within two years after production.

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