

AEROSIL® RA 200 HS

Hydrophobic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	120 - 160
pH value in 4% dispersion		8.0 - 10.0
Loss on drying** 2 hours at 105 °C	%	≤ 0.8
C content	%	≤ 3.0
Bulk density	g/l	approx. 40
SiO ₂ content based on ignited material	%	≥ 99.8
Triboelectric charge*		positive
* Evonik method ** ex plant The data represents typical values (no product specification).		

Registrations (substance or product components)

AEROSIL® RA 200 HS

CAS-No.	199876-44-3
REACH (Europe)	exempted
TSCA (USA)	exempted if no chemical reaction is intended
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
KECI (Korea)	registered
IECSC (China)	registered
PICCS (Philippines)	registered

AEROSIL® RA 200 HS is a hydrophobic fumed silica treated with HMDS and aminosilane, which has a higher hydrophobicity than AEROSIL® R 504 and a positive electrostatic charge and provides efficient free flow aid for toners and dry powders in general. This product is applied to reduce the moisture pick-up behaviour of dry powders.

Applications and properties

Applications

- Toner

Properties

- has a positive electrostatic charge and provides a high charge stability to toners
- Highly efficient free flow aid for toners and dry powders in general
- is applied to reduce the moisture pick-up

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 Operations, Product Safety Department, E-MAIL sds-im@evonik.com We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® RA 200 HS 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® RA 200 HS should be used within 1 year after production.

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