

AEROSIL® REA 200

Hydrophobic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	110 - 150
pH value in 4% dispersion		8.0 - 10.0
Loss on drying** 2 hours at 105 °C	%	≤ 1.0
C content	%	5.0 - 7.5
Bulk density	g/l	approx. 50
Triboelectric charge*	μC/g	approx. + 300
* Evonik method ** ex plant The data represents typical values (no product specification)		

Registrations (substance or product components)

AEROSIL® REA 200

CAS-No.	existing
EINECS (Europe)	registered
TSCA (USA)	confirmed by EPA, exempted for toner and dry coatings (no reactions intended)(40 CFR 720.30(h)(7))
DSL (Canada)	exempted, where a substance solely intended to impart a specific physico-chemical characteristic functions
AICS (Australia)	exempted, where a substance solely intended to impart a specific physico-chemical characteristic functions
ENCS (Japan)	registered
IECSC (China)	registered
KECI (Korea)	registered
PICCS (Philippines)	registered

AEROSIL® REA 200 is a positive charged hydrophobic fumed silica.

Applications and properties

Applications

- Toner

Properties

- has a positive electrostatic charge and provides a high charge stability to toners
- Efficient free flow aid for toners and dry powders in general

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 reach the safety data sheet carefully prior to use of the product.

Packaging and storage

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

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