

AEROSIL® 200

Hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	200 ± 25
Average primary particle size	nm	12
Tamped density* acc. to DIN EN ISO 787/11, Aug. 1983	g/l	approx. 50
Moisture* 2 hours at 105 °C	wt.%	≤ 1.5
Ignition loss 2 hours at 1000 °C based on material dried for 2 hours at 105 °C	wt.%	≤ 1.0
pH in 4% dispersion		3.7 - 4.7
SiO ₂ - content based on ignited material	wt.%	≥ 99.8
* ex plant The data represents typical values (no product specification)		

Registration

AEROSIL® 200

CAS-No.	112 945-52-5 7631-86-9
REACH (Europe)	registered
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
IECS (China)	registered
KECI (Korea)	registered

AEROSIL® 200 is a hydrophilic fumed silica with a specific surface area of 200 m²/g.

Applications and properties

Applications

- Paints and coatings
- Unsaturated polyester resins, laminating resins and gel coats
- HTV- and RTV-2K-silicone rubber
- Adhesives and sealants
- Printing inks
- Cable compounds and cable gels
- Plant protection
- Food and cosmetics

Properties

- Rheology and thixotropy control of liquid systems, binders, polymers, etc.
- Used as anti-settling, thickening and anti-sagging agent.
- Reinforcement of HTV- and RTV-2K silicone rubber.
- Improvement of free flow and anticaking characteristics of powders.

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.asfp@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® 200 is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® 200 should be used within 2 years after production.

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