

## AEROSIL® 200 V

### Densified hydrophilic fumed silica

#### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	200 ± 25
Tamped density* acc. to DIN EN ISO 787/11, Aug. 1983	g/l	approx. 120
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 - 4.5
SiO <sub>2</sub> - content based on ignited material	wt. %	> 99.8
* ex plant The data represents typical values (no product specification).		

#### Registration

##### AEROSIL® 200 V

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 V is a densified hydrophilic fumed silica with a specific surface area of 200 m<sup>2</sup>/g.

#### Applications and properties

##### Applications

- Paints and coatings
- HTV-silicone rubber
- Adhesives and sealants
- Printing inks
- Cable compounds and cable gels
- Plant protection

##### Properties

- Rheology and thixotropy control of liquid systems, binders, polymers, etc.
- Used as anti-settling, thickening, anti-sagging agent.
- Reinforcement of HTV-silicone rubber.
- Improvement of free flow and anti-caking characteristics of powders
- Reduced dust development.
- Improved incorporation and handling when applying sufficient shear forces.

#### 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-im@evonik.com](mailto:sds-im@evonik.com) or can be downloaded from our homepage [www.aerosil.com](http://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 V is supplied in multiple layer 20 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® 200 V should be used within 2 years after production.

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