

## AEROSIL® 90

### Hydrophilic fumed silica

#### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	90 ± 15
Tamped density* acc. to DIN EN ISO 787/11, Aug. 1983	g/l	approx. 80
Moisture* 2 hours at 105°C	wt. %	≤ 1.0
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 <sub>2</sub> - content based on ignited material	wt. %	≥ 99.8
* ex plant The data represents typical values (no product specification).		

#### Registration

##### AEROSIL® 90

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® 90 is a hydrophilic fumed silica with a specific surface of 90 m<sup>2</sup>/g.

#### Applications and properties

##### Applications

- RTV-1K, -2K, liquid silicon rubber (LSR) and sealants
- CMP

##### Properties

- AEROSIL® grade with a small surface area.
- Improved reinforcement and thixotropic effect in RTV-silicone rubber.
- Particularly suitable for achieving high loading levels or improving extrudability.

#### 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® 90 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® 90 should be used within 2 years after production.

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