

# AEROSIL® 380

## Hydrophilic fumed silica

### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	350 - 410
pH value in 4% dispersion		3.7 - 4.5
Loss on drying* 2 hours at 105°C	%	≤ 2.0
Tamped density*	g/l	approx. 50
SiO <sub>2</sub> content based on ignited material	%	> 99.8

\* ex plant

The data represents typical values (no product specification).

### Registrations (substance or product components)

#### AEROSIL® 380

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

AEROSIL® 380 is a hydrophilic fumed silica with a specific surface area of 380 m<sup>2</sup>/g.

### Applications and properties

#### Applications

- Paints and coatings
- HTV- silicone rubber
- Cable compounds and unsaturated polyester resins
- Adhesives and sealants
- Printing inks

#### Properties

- Rheology and thixotropy control of liquids, binders, polymers, etc.
- AEROSIL® grade with the highest surface area resulting in best thickening and thixotropy
- Reinforcement of HTV-silicone rubber
- Excellent transparency in unsaturated polyester resins
- Flow aid

### 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](mailto: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® 380 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® 380 should be used within 2 years after production.

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