

# AEROSIL® R 106

## Hydrophobic fumed silica

### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific Surface Area (BET)	m <sup>2</sup> /g	220 - 280
pH value in 4% dispersion		≥ 3.7
Loss on drying* 2 hours at 105°C	%	≤ 0.5
C content	%	1.5 - 3.0
Tamped density* modified	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® R 106

CAS-No.	68 583-49-3
REACH (Europe)	exempted
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
IECSC (China)	registered
KECI (Korea)	registered

AEROSIL® R 106 is a hydrophobic fumed silica after treated with D4 (Octamethylcyclotetrasiloxane).

### Applications and properties

#### Applications

- Silicone rubber
- Sealants
- Thermoplastics
- Toner

#### Properties

- Reinforcing component for RTV- and HTV-silicone rubber
- Thickening agent for RTV- 1K silicone sealants
- Rheology control of binders and polymers
- Improvement and maintenance of free flow and anti-caking characteristics of powders
- AEROSIL® with low chloride content

### 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 read the safety data sheet carefully prior to use of the product.

### Packaging and storage

AEROSIL® R 106 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® R 106 should be used within 2 years after production.

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