Product information

# AEROSIL® 300

## Hydrophilic fumed silica

### Characteristic physico-chemical data

| Properties and test methods | Unit | Value |
|---|---|---|
| Specific surface area (BET) | $m^2/g$ | 300 ± 30 |
| Tamped density*<br>acc. to DIN EN ISO 787/11, Aug. 1983 | g/l | approx. 50 |
| Moisture*<br>2 hours at 105°C | wt.% | ≤ 1.5 |
| Ignition loss<br>2 hours at 1000°C based on material dried for 2 hours at 105°C | wt.% | ≤ 2.0 |
| pH<br>in 4% dispersion | | 3.7 - 4.5 |
| $SiO_2$ - content<br>based on ignited material | wt.% | > 99.8 |

* ex plant
The data represents typical values (no product specification).

### Registration

AEROSIL® 300

| | |
|---|---|
| CAS-No. | 112 945-52-5<br>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® 300 is a hydrophilic fumed silica with a specific surface area of 300 $m^2/g$.

## Applications and properties

**Applications**

- Paints and coatings
- HTV - and LSR (Liquid Silicone Rubber)
- Cable compounds and unsaturated polyester resins
- Adhesives and sealants
- Printing inks
- Cosmetics

**Properties**

- Rheology and thixotropy control of liquids, binders, polymers, etc.
- Optimal dispersion yields best results in pronounced thickening and thixotropy
- Reinforcement of HTV- and LSR (Liquid Silicone Rubber) at a high transparency level.
- Excellent transparency in unsaturated polyester resins.

## 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 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® 300 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® 300 should be used within 2 years after production.

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