

AEROSIL® 380 F

Hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /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 ₂ content based on ignited material	%	> 99.8

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

Registrations (substance or product components)

AEROSIL® 380 F

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 F is a hydrophilic fumed silica with a specific surface area of 380 m²/g. This product is manufactured in accordance with HACCP-Guidelines following the Codex Alimentarius. In addition a Feed Safety Quality Management Systems including Good Manufacturing Practice is implemented and certified by FAMI-QS. The production and packaging process in Antwerp / Belgium has been audited and fulfills the requirements of regulation EC No. 852/2004.

Applications and properties

Applications

- Food
- Feed

Properties

- Rheology and thixotropy control of liquid systems
- Used as anti-settling, thickening and anti-sagging agent
- Improvement of free flow and anticaking characteristics of powders
- High purity, low humidity content
- No influence on taste
- Does not alter natural colour of powder formulations

Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sds-im@evonik.com We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® 380 F 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 F should be used within 2 years after production.

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