

# AEROSIL® NA 50 H

## Hydrophobic fumed silica

### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	30 - 50
pH value in 4% dispersion		8.0 - 10.0
Loss on drying** 2 hours at 105 °C	%	≤ 0.8
C content	%	≤ 2.0
Bulk density	g/l	approx. 50
SiO <sub>2</sub> content based on ignited material	%	≥ 99.8
Triboelectric charge*		positive
* Evonik method ** ex plant The data represents typical values (no product specification).		

### Registrations (substance or product components)

#### AEROSIL® NA 50 H

CAS-No.	199876-44-3
REACH (Europe)	exempted
TSCA (USA)	exempted if no chemical reaction is intended
AICS (Australia)	exempted if no chemical reaction is intended
DSL (Canada)	registered
ENCS (Japan)	registered
IECSC (China)	registered
PICCS (Philippines)	registered
KECI (Korea)	registered

AEROSIL® NA 50 H is a hydrophobic fumed silica treated with HMDS and aminosilane. Which has a positive electrostatic charge and provides efficient free flow aid for toners and dry powders in general. This product is applied to reduce the moisture pick-up behaviour of dry powders. This product is also enhancing durability of toners.

### Applications and properties

#### Applications

- Toner

#### Properties

- has a positive electrostatic charge and provides a high charge stability to toners
- Efficient free flow aid for toners and dry powders in general
- enhances the durability of toner performance
- is applied to reduce the moisture pick-up behaviour of dry powders

### 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](mailto:sds-im@evonik.com) We recommend to read carefully the safety data sheet prior to the use of our product.

### Packaging and storage

AEROSIL® NA 50 H 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® NA 50 H should be used within 1 year after production.

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