

AEROSIL® NX 130

Hydrophobic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	85 - 115
pH value** in 4% dispersion		5.0 - 7.5
Loss on drying** 2 hours at 105 °C	%	≤ 0.5
C content	%	1.0 - 3.0
Bulk density	g/l	approx. 40
SiO ₂ content based on ignited material	%	≥ 99.8
Triboelectric charge*	μC/g	- 350
* Evonik method ** ex plant The data represents typical values (no product specification).		

Registrations (substance or product components)

AEROSIL® NX 130

CAS-No.	68909-20-6
REACH (Europe)	exempted
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
IECSC (China)	registered
KECI (Korea)	registered
PICCS (Philippines)	registered

AEROSIL® NX 130 is a hydrophobic fumed silica treated with HMDS. Which has a negative 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. It is also effective as a rheology controlling agent in complex liquid systems.

Applications and properties

Applications

- Toner
- Adhesive, Paint and coating

Properties

- has a negative tribo-charge and provides a high charge stability to toners
- is a efficient free flow aid for toners and dry powders in general
- is applied to reduce the moisture pick-up
- is effective as a rheology controlling agent in complex liquid systems

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® NX 130 is supplied in multiple layer 5 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

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