

AEROSIL® NY 50 L

Hydrophobic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	20 - 40
pH value in 4% dispersion		5.0 - 7.0
Bulk density	g/l	approx. 40
SiO ₂ content based on ignited material	%	≥ 99.8
C content	%	2.0 - 4.0
Triboelectric charge*		negative
* Evonik method ** ex plant The data represents typical values (no product specification).		

Registrations (substance or product components)

AEROSIL® NY 50 L

CAS-No.	67762-90-7
REACH (Europe)	exempted
TSCA (USA) DSL (Canada)	registered
ENCS (Japan) IECSC (China) KECI (Korea) PICCS (Philippines)	registered
AICS (Australia)	registered

AEROSIL® NY 50 L is a silicon oil treated fumed silica, which has been de-agglomerated to improve dispersibility and effectivity in dry toner.

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. This product is also enhancing durability of toners.

Applications and properties

Application

- Toner

Properties

- de-agglomerated external additive for dry toner which offers excellent dispersibility
- has a negative electrostatic charge and provides a high charge stability to toners
- is an 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 behavior 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 We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® NY 50 L 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® NY 50 L should be used within one year.

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