

AEROXIDE® TiO₂ NKT 65

Hydrophobic fumed titanium dioxide (TiO₂)

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	30 - 60
pH value in 4% dispersion		3.0- 7.0
Loss on drying* 2 hours at 105 °C	%	≤ 1.0
Bulk density	g/l	approx. 100
TiO ₂ content based on ignited material	%	≥ 97.0
Triboelectric charge**		weakly negative
C content	%	1.0 - 4.0
* ex plant ** Evonik method The data represents typical values (no product specification)		

Registrations (substance or product components)

AEROXIDE® TiO₂ NKT 65

CAS-No.	220037-19-4
REACH (Europe)	exempted
TSCA (USA) DSL (Canada)	exempted if no chemical reaction is intended
ENCS (Japan) IECSC (China) KECI (Korea) CSNN (Taiwan) PICCS (Philippines)	registered
AICS (Australia) NZIoC (New Zealand)	exempted if no chemical reaction is intended

AEROXIDE® TiO₂ NKT 65 is a fine-particulate, fumed titanium dioxide (TiO₂) that is highly hydrophobized with an organosilane.

Applications and properties

Properties

- Stabilization of the charging characteristics of toner influencing storage and ambient conditions
- Weakly negative triboelectric charge
- Excellent dispersion properties

Applications

- Improvement of flow characteristics and prevention of clumping of dry toner and other powders
- Effective UV filter in polymers and plastics
- Improves the flowability and stabilizes the electrostatic charging of toner powders for copiers and laser printers

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

AEROXIDE® TiO₂ NKT 65 is supplied in multiple layer 10 kg paper bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROXIDE® TiO₂ NKT 65 should be used within 2 years after production.

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