

AEROSIL® 200 VV Pharma

Colloidal silicon dioxide

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	175 - 225
pH value Tested according to Ph. Eur., USP/NF		3.5 - 5.5
Loss on drying* Tested according to USP/NF	%	≤ 2.5
Tamped density*	g/l	approx. 120
SiO ₂ content Tested according to Ph. Eur., USP/NF	%	99.0 - 100.5
As content Tested according to USP/NF	ppm	≤ 8
Chloride Tested according to Ph. Eur.	ppm	≤ 250
Identification, A and B Tested according to Ph. Eur., USP/NF		pass
* ex plant The data represents typical values (no product specification).		

Registrations (substance or product components)

AEROSIL® 200 VV Pharma

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® 200 VV Pharma is a high purity amorphous anhydrous colloidal silicon dioxide with a high tapped density for use in pharmaceutical products (tested according to USP/NF and Ph. Eur. Monograph 0434).

Applications and properties

Applications

- Pharmacy, especially suitable for solid dosage forms

Properties

- Good handling and application properties due to densification
- Reduced dust development
- Free flow and anti-caking agent to improve powder properties
- Improves the mechanical stability and weight consistency of solid dosage forms
- Dessicant for moisture-sensitive actives

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® 200 VV Pharma is supplied in multiple layer 20 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® 200 VV Pharma should be used within 2 years after production.

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