

AEROPERL® 300 Pharma

Colloidal silicon dioxide

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	260 - 320
pH value Tested according to USP/NF and Ph. Eur.		3.5 - 5.5
Loss on drying* Tested according to USP/NF	%	≤ 2.5
Tamped density*	g/l	approx. 270
SiO ₂ content Tested according to USP/NF and Ph. Eur.	%	≥ 99.0
Chloride Tested according to Ph. Eur.	ppm	≤ 250
Average particle size	µm	20 - 60
Pore volume Tested according to BJH	ml/g	1.5 - 1.9
* ex plant The data represents typical values (no product specification)		

Registrations (substance or product components)

AEROPERL® 300 Pharma

CAS-No.	112 945-52-5 (ex 7631-86-9)
REACH (Europe)	registered
TSCA (USA) DSL (Canada)	registered
ENCS (Japan) IECSC (China) KECI (Korea) PICCS (Philippines)	registered
AICS (Australia) NZIoC (New Zealand)	registered

AEROPERL® 300 Pharma is a granulated high purity colloidal silicon dioxide for use in pharmaceutical products (tested according to USP/NF and Ph. Eur. Monograph 0434).

Applications and properties

Applications

Pharmaceuticals

- Carrier for liquid and pasty (active) ingredients
- Increases the dissolution of poorly soluble Active Pharmaceutical Ingredients (APIs)
- Desiccant for Moisture Activated Dry Granulation (MADG) processes

Properties

- Easy handling, low dust
- High purity
- Excellent flow behaviour both loaded and unloaded

Packaging and storage

AEROPERL® 300 Pharma is supplied in dual packaging consisting of an inner plastic bag and an outer multi-ply paper bag; the net product weight is 10 kg. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROPERL® 300 Pharma should be used within 2 years after production.

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.

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