

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 and Ph. Eur.	%	≤ 2.5
Tamped density*	g/l	approx. 280
SiO ₂ content Tested according to USP/NF and Ph. Eur.	%	99.0 - 100.5
Chloride Tested according to Ph. Eur.	ppm	< 250
Heavy metals Tested according to Ph. Eur.	ppm	< 25
Average particle size	µm	approx. 30
* ex plant The data represents typical values (no product specification)		

Registration (substance or components of substance)

AEROPERL® 300 Pharma

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

- Pharmacy
 - Carrier for liquid and pasty (active) ingredients
 - Converts liquid and pasty substances into free-flowing powders
 - Adsorbent
 - Desiccant

Properties

- Dust free and easy handling
- High purity
- Excellent flow both loaded and unloaded

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 Resource Efficiency GmbH, Product Safety Department, E-MAIL sds-hu@evonik.com or can be downloaded from our homepage www.aerosil.com. We recommend to read carefully the safety data sheet prior to the use of our product.

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.

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