

# AEROPERL® 300/30

## Hydrophilic Fumed Silica

### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	270 - 330
pH value Tested according to USP/NF and Ph. Eur.		4.0 - 6.0
Loss on drying* Tested according to USP/NF	%	≤ 3.5
Tamped density*	g/l	approx. 280
SiO <sub>2</sub> content Tested according to USP/NF and Ph. Eur.	%	≥ 99.0
Average particle size	µm	20 - 60
Pore volume Tested according to USP/NF and Ph. Eur.	ml/g	1.5 - 1.9

\* ex plant

The data represents typical values (no product specification)

### Registrations (substance or product components)

#### AEROPERL® 300/30

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

AEROPERL® 300/30 is a specifically granulated hydrophilic fumed silica.

### Applications and properties

#### Applications

- Inert, high purity carrier and filler for personal care products.
- Inert, high purity carrier for other applications, e.g. catalysts and agriculture.
- Thermal isolation

#### Properties

- Micro granulate with an average particle size of 20-60 µm
- Low dust development
- High adsorption capacity, fast uptake
- Low thickening of solvents
- Excellent free flow behavior
- Easy separations from liquids and gases
- High chemical purity

## Packaging and storage

AEROPERL® 300/30 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® 300/30 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](mailto:sds-im@evonik.com) We recommend to read carefully the safety data sheet prior to the use of our product.

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