

# 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

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at [sds-hu@evonik.com](mailto:sds-hu@evonik.com) for specific questions. We recommend to reach the safety data sheet carefully prior to use of the product.

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