

AERODISP® W 7622

Aqueous dispersion of hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
pH value		9.5 - 10.5
Density 20 °C	g/cm ³	1.13
SiO ₂ content	%	21 - 23
Stabilizing agent		Ammonia
Mean aggregate size d-50 value	µm	0.10
Viscosity measured at a shear rate of 100 s ⁻¹	mPas	≤ 1000

* ex plant

The data represents typical values (no product specification).

Registrations (substance or product components)

AERODISP® W 7622

CAS-No.*	112 945-52-5 (7631-86-9, old)
EINECS (Europe), TSCA (USA), DSL (Canada), AICS (Australia), ENCS (Japan), IECS (China), KECI (Korea), PICCS (Philippines)	All components of this dispersion are listed in the mentioned inventories.

AERODISP® W 7622 is a low viscosity, water-based dispersion of AEROSIL® fumed silica with a slightly alkaline pH.

Applications and properties

Applications

- Rheology control
- Stabilization of emulsions
- Reinforcement
- Surface treatment, e.g. polishing
- Anti-blocking
- Anti-slip
- Adhesion promotion
- Flocculation aid

Properties

- Low thickening effect
- Low viscosity
- Slight ammonia odor

Appearance

- AERODISP® W 7622 is a milky-white liquid

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

Depending on the region, AERODISP® W 7622 is available in 60 kg containers, 220 kg drums and 1000 kg intermediate bulk containers (IBC's). All dispersions must be protected from extreme heat and frost. The product should be used within six months from the date of production. Small amounts of sedimentation are normal.

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Customer Service

Europe/ Middle-East/ Africa/ Latin America

Evonik Resource Efficiency GmbH

Business Line Silica
PB 010-A410
Rodenbacher Chaussee 4
63457 Hanau-Wolfgang
Germany
PHONE +49 6181 59 12532
FAX +49 6181 59 712532
aerosil@evonik.com
www.aerosil.com

North America

Evonik Corporation

Business Line Silica
299 Jefferson Road
Parsippany, NJ 07054-0677
USA
PHONE +1 800-233-8052
FAX +1 973-929-8502
aerosil@evonik.com
www.aerosil.com

Asia (excluding Japan)

Evonik (SEA) Pte. Ltd.

Business Line Silica
3 International Business Park
Nordic European Centre, #07-18
Singapore 609927
PHONE +65 6809-6877
FAX +65 6809-6677
aerosil@evonik.com
www.aerosil.com

Japan

NIPPON AEROSIL CO., LTD.

Marketing & Sales Division
P.O. Box 7015
Shinjuku Monolith 13F
3-1, Nishi-Shinjuku 2-chrome
Shinjuku-ku, Tokyo
163-0913 Japan
PHONE +81 3 3342-1789
FAX +81 3 3342-1761
infonac@evonik.com
www.aerosil.jp

Technical Service

Europe/ Middle-East/ Africa/ Latin America

Evonik Resource Efficiency GmbH

Business Line Silica
HPC 911-221 A
Rodenbacher Chaussee 4
63403 Hanau-Wolfgang
Germany
PHONE +49 6181 59-3936
FAX +49 6181 59 4489
technical.service.aerosil@
evonik.com
www.aerosil.com

North America

Evonik Corporation

Business Line Silica
2 Turner Place
Piscataway, NJ 08855-0365
USA
PHONE +1 888 SILICAS
PHONE +1 732 981-5000
FAX +1 732 981-5275
technical.service.aerosil@
evonik.com
www.aerosil.com

Asia (excluding Japan)

Evonik Specialty Chemicals (Shanghai) Co.,Ltd

Business Line Silica
55 Chundong Road
Xinzhuang Industry Park
Shanghai 201108
P.R. China
PHONE +86 21 6119-1065
FAX +86 21 6119-1075
technical.service.aerosil@
evonik.com
www.aerosil.com

Japan

NIPPON AEROSIL CO., LTD.

Applied Technology Group
3 Mita-Cho
Yokkaichi, Mie
510-0841 Japan
PHONE +81 59 345-5270
FAX +81 59 346-4657
infonac@evonik.com
www.aerosil.jp