

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), IECSC (China), KECI (Korea)	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

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 for specific questions. We recommend to read the safety data sheet carefully prior to use of the 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 12 months from the date of production. Small amounts of sedimentation are normal.

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