

AERODISP® W 7520 P

Aqueous dispersion of hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
pH value		9.0 - 10.0
Density 20 °C	g/cm ³	1.12
SiO ₂ content	%	19 - 21
Stabilizing agent		KOH
Mean aggregate size d-50 value	µm	0.12
Viscosity measured at a shear rate of 100 s ⁻¹	mPas	≤ 300
The data represents typical values (no product specification).		

Registrations (substance or product components)

AERODISP® W 7520 P

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 7520 P 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 of polymers
- Surface treatment, e.g. polishing
- Stabilizing of pigments in printing inks
- Anti-slip
- Adhesion promotion
- Flocculation aid

Properties

- Low thickening effect
- Low viscosity

Appearance

- AERODISP® W 7520 P is a milky-white water based 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 Operations, Product Safety Department, E-MAIL sds-im@evonik.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 7520 P 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 18 months from the date of production. Small amounts of sedimentation are normal.

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