

AERODISP® W 1714

Aqueous dispersion of hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
pH value		5.0 - 6.0
Density 20 °C	g/cm ³	1.08
SiO ₂ content	%	13 - 15
Stabilizing agent		Phosphate
Mean aggregate size d-50 value		0.16
Viscosity	mPa s	≤ 100

* ex plant

The data represents typical values (no product specification)

Registrations (substance or product components)

AERODISP® W 1714

CAS-No.*	112 945-52-5 1344-28-1
EINECS (Europe), TSCA (USA), DSL (Canada), AICS (Australia), ENCS (Japan), ECS (China), KECI (Korea), PICCS (Phillippines)	All components of this dispersion are registered in the mentioned inventories.

AERODISP® W 1714 is a water-based, low viscosity dispersion of AEROSIL® fumed silica, stabilized with phosphate.

Applications and properties

Applications

- Water-based wood protection coatings
- Parting Agent / Lubricant for casting applications
- Adhesion promotion for glass fibers
- Improved strenght of moulding compounds for casting technology
- Enhanced contrast, brilliance and drying for inkjet media
- Antiblocking in cellophane

Properties

- Low thickening effect
- Low viscosity
- Odorless

Appearance

- AERODISP® W 1714 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 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 1714 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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