

AERODISP® W 7330 N

Aqueous dispersion of hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
SiO ₂ - content	wt. %	30
Stabilizing agent		Sodium hydroxide
pH DIN EN ISO 787/9		9.5 - 10.5
Viscosity DIN EN ISO 3219, 100 s ⁻¹ , 23 °C	mPas	≤ 1000
Mean aggregate size d-50 value, volume	µm	0.12
Density 20 °C	g/cm ³	1.2
The data represents typical values (no product specification)		

Registration

AERODISP® W 7330 N

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

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 Industries AG, Product Safety Department, E-MAIL sds-im@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.

AERODISP® W 7330 N is a water-based dispersion of AEROSIL® fumed silica with a high solids content and an alkaline pH value.

Applications and properties

Applications

Clear and pigmented waterborne sealants

- Efficient rheology control and reinforcement agent while maintaining high transparency
- Excellent dispersant for pigments
- Mixes easily with acrylic, polyurethane and other waterborne latexes

Sizing / coating pigment for inkjet paper to enhance

- Color strength (gamut and optical density)
- Print uniformity (mottle & grain)
- Print resolution (line growth, raggedness & blur)
- Anti-slip agent for paper bags

Properties

- High solids content (approx. 30 wt.%)
- Nano-sized primary particles
- Superior rheological behavior
- High formulation flexibility and ease of handling

Appearance

AERODISP® W 7330 N is a milky-white liquid.

Packaging and storage

Depending on the region, AERODISP® W 7330 N 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 twelve months from the date of production. Small amounts of sedimentation are normal.

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