

AERODISP® W 1244

Dispersion of hydrophilic fumed silica

Characteristic physico-chemical data

| Properties and test methods | Unit | Value |
|--------------------------------|-------|-------------|
| pH value | | 10.6 - 11.2 |
| SiO ₂ content | % | 47 - 49 |
| Stabilizing agent | | KOH |
| Mean aggregate size d-50 value | μm | 0.11 |
| Organic component | % | approx. 20 |
| Viscosity | mPa s | ≤ 200 |

The data represents typical values (no product specifications).

Registrations (substance or product components)

AERODISP® W 1244

| | |
|--|--|
| CAS-No. | 112 945-52-5 |
| 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 1244 is a fumed silica dispersion with very high silica content, specifically developed for the application fire resistant glass. It is tailored to simplify the fire resistant glass manufacturing process and provides outstanding optical and fire test performance of the final glass.

Applications and properties

Applications

- Fire resistant glass

Properties

- Low thickening properties
- Very high solid content
- Very stable against sedimentation
- High purity
- Contains organic component for IR absorption in case of fire

Appearance

- AERODISP® W 1244 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 1244 is available in 60 kg cans, 280 kg drums and 1250 kg intermediate bulk containers (IBCs). All dispersions must be protected from high ambient temperature 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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