

Quartzene[®] Z-Slurry W6008 Trial Product

Svenska Aerogel AB's aerogel material Quartzene[®], amorphous silicon dioxide, is in most applications used as a functional additive for enhancing thermal insulation, improving fire behavior, and reducing weight.

Quartzene[®] Z-Slurry W6008 TP (Trial Product) is a low-viscosity, aqueous aerogel suspension, featuring hydrophilic Quartzene[®]. Ensuring dust-free incorporation, this pumpable and easily processed solution is ideal for waterborne paints and coatings as well as for technical textiles and papers.

CAS No: 7631-86-9 (112926-00-8)

➤ Waterborne aerogel pumpable slurry

➤ No dusting

➤ Low thermal conductivity



Shipping and Storage

Shipped in intermediate bulk containers, IBC. The product must be protected from frost and exposure to direct sunlight. Recommended storage temperatures between +5 °C and +30 °C. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Take care that containers are properly closed. When stored properly, the product has a shelf life of 3 months from the date of delivery. Homogenize prior use with IBC stirrer. Recommended stirrer is the VTA4 mixer with four foldable blades axial turbine from FluidMix.

Product features

Dry Content	8 wt.%
Density	1.1 g/ml
Viscosity at 20 °C	200 - 2000 cP
Typical pH	10 - 12
Particle size distribution	5 - 90 µm
Thermal Conductivity (dry)	25 - 31
Homogenize prior use	Yes
Shelf life	3 months

Typical test data. Not intended as a specification.

Information concerning the safety of this product is listed in the Safety Data Sheet, which can be ordered from Svenska Aerogel AB. For sampling, project guidance, and information, contact us at: info@aerogel.se.