

Sorbster® Si-1

Ecologically Effective Contaminants Adsorption

Adsorbent Media for Silica Removal

Sorbster® Si-1 alumina-based media removes soluble or reactive Silica from industrial water. It is manufactured to specific physical characteristics to enhance Silica removal. Reactive Silica bonds rapidly throughout the high media macroporosity and surface area for removal rates up to 99%.

Sorbster® Si-1 has a 20-30 weight % capacity for Silica adsorption. Reduction of other anions in water may also be achieved by Sorbster® Si-1.

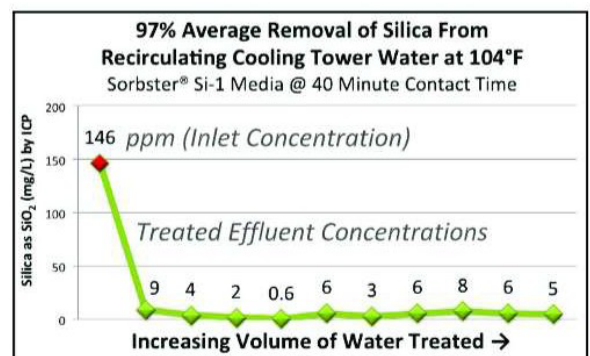
Features and Benefits

- Suitable for all water qualities and applications—process water, cooling water, boiler water, groundwater and wastewater
- Useful treatment to increase cooling tower cycles of concentration limited by silica. One benefit is in reduced chemical and makeup water costs
- Effective pretreatment for increased Selenium removal when combined with Sorbster® Se-1 media
- Utilize to remove competing anions ahead of other treatments
- Cost effective, easy pump and treat applications in standard industry tanks and cartridges



Product Specifications

Particle Size	Nominal 1/8" Granules
Bulk Density lbs./ft ³	36
Moisture Content	<10%
pH Range	6-9.5
Flux Rate	1-6 GPM/ft ²
Empty Bed Contact Time	10-60 minutes
Back Wash Bed Expansion	5%



Sorbster Inc.

1311 Chardon Road

Euclid, OH 44117

Tel: 216-533-2343

Contact: Brimman Frazer

Email: brimman@sorbster.com