

Product Bulletin

Ecologically Effective Contaminants Adsorption

Sorbster® Si-1

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 macro-porosity 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.

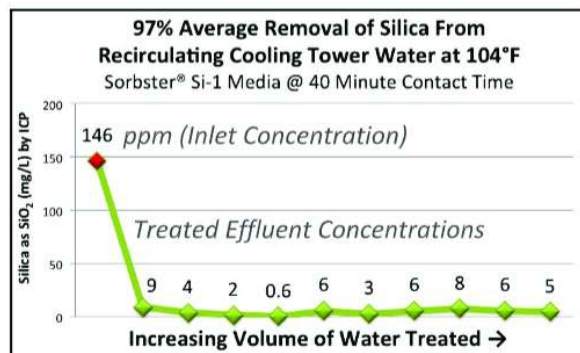
Features and Benefits

- Suitable for all water qualities and applications - process waters, cooling water, boiler water, groundwater, wastewater
- Useful treatment to increase cooling tower cycles of concentration limited by silica. This benefits 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)	45
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%



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