

Sorbster® F-1

Ecologically Effective Contaminants Adsorption

Adsorbent Media for Fluoride Removal

Sorbster® F-1 is a promoted alumina media which covalently bonds Fluoride to its active sites. The presence of proprietary promoted reactive chemistries throughout the media boost Fluoride removal. It effectively removes Fluoride across a broad pH range of 3 to 9, with the highest removal rates typically occurring between pH 5 to pH 7, maximizing removal efficiency vs competitors.

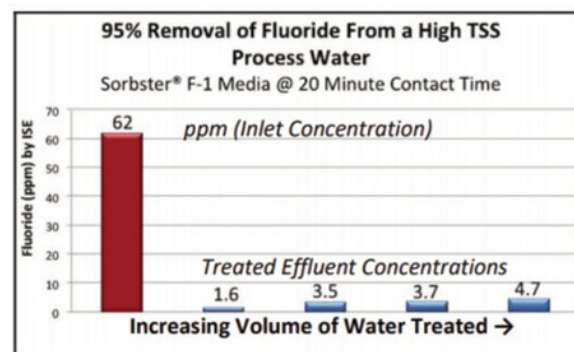
Features and Benefits

- High removal efficiency, up to 99% for Fluoride and selected other anions in all water qualities
- Cost-effective media specifically engineered for Fluoride removal applications
- Effective for mg/L high level and trace amounts of Fluoride
- High macroporosity and surface-area granules to maximize removal in a single pass
- Constant chemisorption kinetics across a wide variety of water qualities, minimizing multiple process changes
- Effective over a broad temperature range
- Sustained Fluoride removal in refinery, FGD, high temperature solutions and general industrial waters
- Deploy in standard tanks or cartridges



Product Specifications

Particle Size	Nominal 1/8" Granules
Bulk Density lbs./ft ³	48
Moisture Content	<10%
pH Range	5-7 optimum
Flux Rate	1-6 GPM/ft ²
Empty Bed Contact Time	20-40 minutes
Back Wash Bed Expansion	5%



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