

## Activated Alumina Media

### PRODUCT DATA SHEET

#### DESCRIPTION:

CCG's activated alumina is a mixture of amorphous and gamma Aluminum oxide prepared by low temperature dehydroxylation of Aluminum Hydroxide  $Al(OH)_3$ . The filtration process is termed surface adsorption but relies on the exchange of a surface hydroxide for the contaminant. CCG's activated alumina is used for removal of fluorides, arsenic, humic acids.

#### APPLICATIONS:

For treatment of fluorides, arsenic, humic acid. The media can also be used as a stand-alone treatment process or upstream of other filtration processes and media such as reverse osmosis, activated carbon and resins. Arsenic and fluorides removal are extremely pH dependent applications, usually 5.5-6.

#### TYPICAL PROPERTIES:

Media Type:	Granular
Active Ingredient:	Aluminum Oxide
Bed Depth:	36+
Service Flow rate:	1-2 gpm/ft <sup>2</sup>
Backwash Flow rate:	8-10 gpm/ft <sup>2</sup>
Volume: Bulk Density:	48 lbs/ ft <sup>3</sup>
Lbs of Active Media (per ft <sup>3</sup> ):	48

#### FEATURES:

- It is made up of robust material that will not deteriorate no matter how often it is used.
- Provides 1000 gallons of water at the most cost effective rates and has a high capacity.
- Certified product by NSF/ANSI standard 61 and has completed an EPA ETA project.
- Disposability is extremely simple.



#### For More Information:

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