Activated Alumina Media

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/ft²
- Backwash Flow rate: 8-10 gpm/ft²
- Volume: Bulk Density:
  - 48 lbs/ ft³
- Lbs of Active Media (per ft³): 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.