



The Chemical Company

# DD-6 activated alumina

Fluoride and arsenic removal

## Product data

### Effective arsenic & fluoride removal

BASF DD-6 granular activated alumina, a NSF 61 certified product, enables the removal of arsenic and fluoride from drinking water. Activated alumina is listed by the U.S. Environmental Protection Agency (EPA) as a "best available technology" (BAT) for the removal of arsenic and fluoride. BASF DD-6 alumina is currently installed in various municipal and bottled water facility applications for the removal of arsenic and fluoride.

### Industrial applications

With arsenic and fluoride health-

related concerns on the rise, activated alumina offers a polishing step for industrial waste waters. Common applications using arsenic and fluoride within the production process include glass manufacturing, aluminum and steel processing, pesticide as well as fertilizer production and the semiconductor industry.

### Cost-effective treatment

At a bulk density of 40 pounds per cubic foot, BASF DD-6 granular activated alumina is an economical alternative alumina that is regenerable in both fluoride and arsenic applications.

### Available packaging

BASF DD-6 activated alumina is available in the following granular sizes:

- 14 X 28 Tyler mesh
- 1850 lb. supersaks
- 28 X 48 Tyler mesh
- 2000 lb. supersaks

### About BASF

As the world's leading chemical company, BASF's portfolio ranges from chemicals, plastics, performance products, agricultural products and fine chemicals to crude oil and natural gas.

BASF's intelligent system solutions and high-value products help its customers to be more successful. BASF develops new technologies and uses them to open up additional market opportunities. It combines economic success with environmental protection and social responsibility, thus contributing to a better future.

Chemical composition (%)	
Al <sub>2</sub> O <sub>3</sub>	92.0
Na <sub>2</sub> O	0.35
SiO <sub>2</sub>	0.03
LOI (1000°C)	8.0
Physical properties	
Total pore volume, cc/g	0.52
Surface area, m <sup>2</sup> /g	380
Bulk density, lbs/ft <sup>3</sup> (kg/m <sup>3</sup> )	40 (641)
Sizes (Tyler mesh)	14x28, 28x48

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