

# HYDROGARD

## ANTHRACITE A100 & A200

### Description

Hydrogard A100 and A200 are High Quality, Dry and Low Uniformity Coefficient anthracite filter media. The dry anthracite is only 50 pounds per cubic foot compared to 52 to 56 pound per cubic foot for wet product. This difference means you purchase less product to fill same amount of space in the filter.

### Applications

Hydrogard A100 and A200 can be used for water treatment and filtration. Its dense structure and uniform particle size make it an excellent filter media for efficiently removing impurities and suspended solids from water, ensuring cleaner and safer drinking water.

### Design Considerations

Incorporating Hydrogard A100 and A200 in various applications demands meticulous attention to design considerations to ensure optimal performance and efficiency. When employing A100 and A200 in water filtration systems, selecting the appropriate particle size distribution is critical, as it directly affects filtration rates and the removal of specific contaminants. Careful design of filtration beds, including depth and media gradation, is essential to achieve desired water quality standards effectively. Additionally, integrating efficient backwashing mechanisms and equipment is crucial to maintaining the longevity of the anthracite media and preventing clogging. Hydrogard A100 and A200 can be seamlessly integrated into diverse applications, ensuring reliable performance and delivering superior results.

### Specifications

	A100	A200
Fix Carbon (%)	80.8	80.8
Ash (%)	12.3	12.3
V.M. (%)	6.0	6.0
Moisture (%)	3.6	3.6
Acid Solubility (%)	0.66	0.66
Wear Rate (%)	0.9%	0.9%
Over 1.6mm (%)	1.4	
Below 0.85mm (%)	2.1	-
Over 4mm (%)	-	1.2
Below 0.85mm (%)	-	2.3

### Features

- Water and wastewater facilities cost savings
- Fits tp municipal systems need and budgets.

### Benefits

- Increased plant capacity by the use of higher filtration rates
- Lower backwash rates in dual- and tri-media filters
- Better production efficiency due to longer filter cycles at higher filtration rates
- State-of-the-art sizing plant to guarantee your specifications
- Automated sieve analyzer
- Automated high-speed bagging equipment

FOR MORE INFORMATION

