



AQUAFIL

GRANULAR ACTIVATED CARBON

Coal-Based Applications of Granular Activated Carbon:

- ♦ **Effluent Treatment:** Used in effluent treatment plants to reduce BOD, COD, and color from industrial wastewater.
- ♦ **Water Filtration:** Removes chlorine and organic impurities from drinking water during the final filtration stage in common household filters.
- ♦ **Gas Masks:** Acts as an adsorbent for poisonous gases in gas masks for both industrial and defense applications.
- ♦ **Compressed Air Treatment:** Absorbs moisture from compressed air, particularly in paint shops.
- ♦ **Dechlorination:** Used to dechlorinate water in swimming pools and soft drink plants.
- ♦ **Oil Removal:** Removes oil from hot condensate.
- ♦ **Gold Recovery:** High-quality granular activated carbon is used in gold recovery, where molten ore is passed over a bed of activated carbon, allowing the gold to adsorb onto the carbon for recovery.
- ♦ **Catalyst Production:** Used in the manufacturing of catalysts.
- ♦ **Organic Impurity Removal:** Eliminates dissolved organic impurities.
- ♦ **Breweries and Distilleries:** Used in various processes in breweries and distilleries.
- ♦ **Petroleum Refineries:** Serves as a catalyst carrier in petroleum refineries.

Please Note:

- ♦ Particle Mesh Size can be set as per requirement.
- ♦ Packing Available- 25KGS / 50KGS /500KGS HDPE Bags custom packaging or printing of customer brand information on the bag is also available.

AVENTURA COMPONENTS FZE

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TECHNICAL DATA SHEET

GRANULAR ACTIVATED CARBON

GRADE AF-900



SR. NO	PROPERTIES		STANDARD
1	Appearance		Black, odorless and tasteless granules, insoluble in water & organic solvents; burns at red hot without a flame.
2	Manufacturing base		Coal Shell Base
3	Size		0.6 – 1.2mm
4	Moisture	% Max	5
5	Hardness	%Min	90
6	Iodine Number	Min mg/g	800-900
7	Bulk Density		0.5 to 0.6
8	pH		8-11

NOTICE: Due to the progressive nature of Aventura and the continual improvements in the design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this data sheet is intended to assist customers in the evaluation and selection of products supplied by us. Customers are responsible for determining whether the products and the information contained in this document are appropriate for their use. We assume no obligation or liability for the use of the information in this datasheet, and no guarantees or warranties, expressed or implied, are provided. Western Chemical Corporation disclaims all responsibility, and the user must accept full responsibility for the performance of systems based on this data.

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