



TECHNICAL DATASHEET

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Jacobi
THE CARBON COMPANY



Abnie Paidar Sabz CO.
www.abpsoil.com

AquaSorb® 2000

granular coal based
activated carbon

Features and Benefits

- High volume activity
- Readily wetted
- Water washed
- Low dust
- High hardness
- Good abrasion resistance
- High organics compound capacity
- Enhanced transport pore structure
- Proven high reactivation yields

Typical Applications

- Treatment of municipal drinking water
- Production of soft drinks and beer
- Treatment of residential water
- Adsorption of taste and odor
- Protection of ion exchange resins

Available Particle Sizes

- 20x50 mesh (0.30 - 0.85 mm)
- 12x40 mesh (0.425 - 1.70 mm)
- 8x30 mesh (0.60 - 2.36 mm)
- 8x16 mesh (1.18 - 2.36 mm)
- 6x12 mesh (1.70 - 3.35 mm)

Certifications and Approvals

- NSF / ANSI standard 61
- AWWA B604-96
- EN12915
- Kosher certified

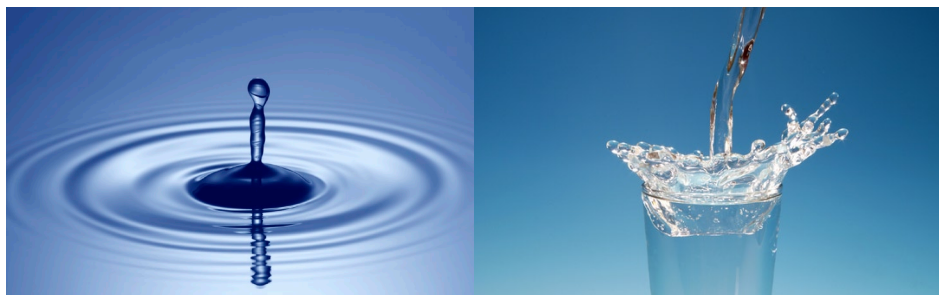
Standard Packaging

- 25 kg bag (55 lb)
- 500 kg bulk bag (1100 lb)



The polyethylene valve bag from Jacobi sets the standard in the industry for clean, durable and safe handling.

AquaSorb® 2000 is a high activity granular activated carbon manufactured by steam activation from select grades of bituminous coal. The perfect balance between adsorption and transport pores provides optimum performance in a wide range of water treatment applications. The product is a high density adsorbent and provides maximum volume activity. The material is water washed during manufacture and therefore wets rapidly. The excellent hardness and mechanical strength ensures negligible losses during backwashing, air scouring and multiple reactivations.



Soft drink manufacturers and breweries rely upon AquaSorb® activated carbon for dechlorination and dissolved organic removal.

Specification*

Iodine number	min. 950 mg/g
Moisture content	max. 5%
Total ash content	max. 13%
Wettability	min. 95%
Hardness	min. 95%

Typical Properties*

Surface area	1000 m ² /g
Methylene blue number	280 mg/g
Total pore volume	1.04 cm ³ /g
Water soluble ash	0.2%
Apparent density	490 kg/m ³
pH	8-11

* Specifications and typical properties are produced using Jacobi Carbons' test methods. They are listed for informational purposes only and not to be used as purchase specifications. Sales specifications can be obtained from your Jacobi Carbons Technical Sales Representative and should be reviewed before placing an order.

AQUA2000-DSE-B803



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Certified to ANSI/NSF Std. 61



Polyethylene valve bags,
20 bags per pallet.



Polypropylene liner-free
FIBCs (super sacks),
2 bags per pallet.



CAUTION Activated carbon is a strong oxidizing agent and can remove oxygen from air under wet or humid conditions. Care should be taken when entering confined spaces where wet activated carbon is present. Ensure the use of correct breathing apparatus. Material Safety Data Sheets should be consulted for further details on procedures in the event of contact with activated carbon.

NOTICE Due to the progressive nature of the Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. Jacobi Carbons assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

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