



# 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

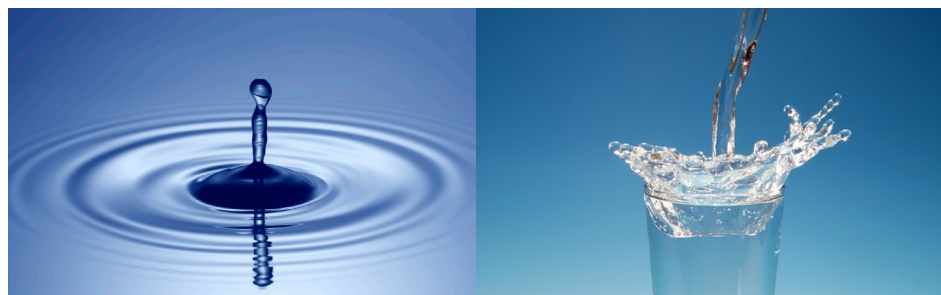
### Standard Packaging

- 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 <sup>2</sup> /g
Methylene blue number	280 mg/g
Total pore volume	1.04 cm <sup>3</sup> /g
Water soluble ash	0.2%
Apparent density	490 kg/m <sup>3</sup>
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.



# Jacobi

THE CARBON COMPANY

## CORPORATE OFFICE

### Sweden

Jacobi Carbons AB  
Bredbandet 1, Varvsholmen  
SE-392 30 Kalmar

Tel: +46 480 417550  
Fax: +46 480 417559  
info@jacobi.net

## EMEA

### Germany

Jacobi Carbons GmbH  
Feldbergstrasse 21  
D-60323 Frankfurt/Main

Tel: +49 69 719107-0  
Fax: +49 69 719107-20  
infode@jacobi.net

### Finland

Jacobi Carbons AB (SS)  
Ruoholahdenkatu 8  
SF-00180 Helsinki

Tel: +358 9 643602  
Fax: +358 9 642900  
infofin@jacobi.net

### Switzerland

Jacobi Carbons AG  
Rheinweg 5  
CH-8200 Schaffhausen

Tel: +41 52 647 30 00  
Fax: +41 52 647 30 09  
infoch@jacobi.net

### United Kingdom

Jacobi Carbons Ltd.  
Croft Court, Moss Estate  
Leigh, Lancs, WN7 3PT

Tel: +44 1942 670 600  
Fax: +44 1942 670 605  
infouk@jacobi.net

[www.jacobi.net](http://www.jacobi.net)

## AMERICAS

### United States

Jacobi Carbons, Inc.  
1518 Walnut Street, 10th Floor  
Philadelphia, PA 19102

Tel: (215) 546-3900  
Fax: (215) 546-9921  
info@jacobi.net

## ASIA / PACIFIC

### Sri Lanka

Jacobi Carbons Lanka (Pvt) Ltd.  
618 Aluthmawatha Road  
Colombo 15, Sri Lanka

Tel: +94 11 252 0364-5  
Fax: +94 11 252 0366  
info@jacobi.net

### India

Jacobi Carbons India (Pvt) Ltd.  
#122, First Floor, Bharathi Colony  
Peelamedu, Coimbatore, 641004

Tel: +91 422 4397208  
Fax: +91 422 4397209  
infoin@jacobi.net

### China

Jacobi Carbons Industry (Tianjin) Co. Ltd.  
No. 31, 5th Coastal Way, TJPFTZ  
Tanggu, Tianjin, 300456

Tel: +86 22 25763228  
Fax: +86 22 25763228  
infoch@jacobi.net

### Malaysia

Jacobi Carbons (Asia) Sdn Bhd  
Lot 12070-F, Jalan Usahajaya,  
Kawasan Perusahaan Ringan Usahajaya,  
14100 Permatang Tinggi, Bukit Mertajam, Penang

Tel: +604 588 2122  
Fax: +604 588 6122  
infoasia@jacobi.net



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.

**WORLDWIDE DISTRIBUTORS** A diverse network of agents, strategically located around the world. Please contact any Jacobi Carbons office to locate your nearest distributor. AquaSorb®, EcoSorb®, GoldSorb®, ColorSorb®, DioxSorb®, AddSorb® and Jacobi are registered trademarks of Jacobi Carbons.  
© Jacobi Carbons, 2009.

ISO 9001  
BUREAU VERITAS  
Certification

