



# TECHNICAL DATASHEET

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**JACOBI**  
THE CARBON COMPANY



## AquaSorb® 1000 granular coal based activated carbon

### Features and Benefits

- Medium activity
- Proven drinking water adsorbent
- High density
- High wettability
- High hardness and abrasion resistance
- Proven superior for multiple reactivations
- Excellent adsorption capacity
- Both adsorption and transport pores

### Typical Applications

- Treatment of municipal drinking water
- Production of soft drinks and beer
- Dechlorination of process water
- Purification of MEA/DEA

### Available Particle Sizes

- 20x50 mesh (0.30 - 0.85 mm)
- 12x40 mesh (0.425 - 1.70 mm)
- 8x30 mesh (0.60 - 2.36 mm)
- 8x20 mesh (0.85 - 2.36 mm)
- 8x16 mesh (1.18 - 2.36 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® 1000 is a highly economical, medium 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 high 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. 850 mg/g
Moisture content	max. 5%
Total ash content	max. 15%
Wettability	min. 95%
Hardness	min. 95%

### Typical Properties\*

Surface area	900 m <sup>2</sup> /g
Methylene blue number	200 mg/g
Total pore volume	0.88 cm <sup>3</sup> /g
Water soluble ash	0.2%
Apparent density	510 kg/m <sup>3</sup>
pH	8-11

[www.taravideh.com](http://www.taravideh.com)