

AquaSorb® HS

acid washed coconut based
activated carbon

Features and Benefits

- Extensive internal structure
- Optimized density
- Neutral surface
- Maximum hardness
- Low soluble silica content
- Extended operational life
- High volume activity
- Safe turbine operation
- Rapid pH-stabilization, quick start-up
- Minimized operational losses

Typical Applications

- Condensate de-oiling
- Semiconductor process water
- Dialysis treatment
- POE treatment units
- Protection of RO membranes
- Boiler feedwater treatment

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)
- 6x12 mesh (1.70 - 3.35 mm)

Certifications and Approvals

- AWWA B604-96
- EN12915

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® HS is an acid washed high purity high activity granular activated carbon manufactured by steam activation from carefully select coconut shells. This activated carbon is produced for use in ultra-pure water treatment systems requiring low conductivity and exceptionally high purity. This activated carbon is also specifically designed for the removal of heavy hydrocarbons from recovered condensate. The acid washing process removes soluble silica from the matrix of the activated carbon to prevent leaching into the condensate.



Manufacturers rely upon AquaSorb® HS activated carbons for applications that require exceptional pure water without compromising performance.

Specification

Iodine number	min. 1000 mg/g
Moisture content	max. 5%
Total ash content	max. 0.8%
pH	5 - 7
Hardness	min. 98%

Typical Properties

Surface area	1050 m ² /g
Apparent density	520 kg/m ³
CTC activity	55%

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Certified to ANSI/NSF Std. 61



Polyethylene valve bags of
25 kg (55 lb) net weight on
500 kg (1100 lb) pallets



Polypropylene liner-free
FIBCs (super sacks) of
500 kg (1100 lb) net weight

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 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.

ISO 9001

BUREAU VERITAS
Certification

