

# AquaSorb® HS Acid Washed Coconut Based Activated Carbon

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.

## Typical Applications:

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

## Available Particle Sizes:

- ➔ 12x40 mesh (0.425 - 1.70 mm)
- ➔ 8x30 mesh (0.60 - 2.36 mm)
- ➔ Other mesh sizes available

## Certifications and Approvals:

- ➔ NSF / ANSI Standard 61

## Features and Benefits:

- ➔ Extensive internal structure
- ➔ Optimized density
- ➔ Neutral surface
- ➔ Maximum hardness
- ➔ Extended operational life
- ➔ High volume activity
- ➔ Rapid pH-stabilization, quick start-up
- ➔ Minimized operational losses

## 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.

## Specification\*

|                              |                |
|------------------------------|----------------|
| Iodine number                | min. 1000 mg/g |
| Moisture content (as packed) | max. 5%        |
| Total ash content            | max. 1%        |
| pH                           | 5 - 7          |
| Hardness                     | min. 98%       |

## Typical Properties\*

|              |                        |
|--------------|------------------------|
| Surface area | 1050 m <sup>2</sup> /g |
| CTC activity | 55%                    |

\*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.



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