



AquaSorb® CT

granular coconut shell
based activated carbon

Features and Benefits

- Large internal pore structure
- High content of micropores
- Optimized density
- Maximum hardness
- Low dust and turbidity
- Excellent adsorption capacity
- High volume activity
- Rapid dechlorination
- Effective removal of ozone

Typical Applications

- Municipal drinking water treatment
- Residential water treatment systems - Point of Entry (POE) / Point of Use (POU)
- Beverage production
- Protection of ion exchange resins from chlorine

Available Particle Sizes

- 20x50 mesh (0.300 - 0.850 mm)
- 12x40 mesh (0.425 - 1.70 mm)
- 8x30 mesh (0.600 - 2.36 mm)
- 8x16 mesh (1.18 - 2.36 mm)

Certifications and Approvals

- AWWA B604-96
- EN12915
- NSF/ANSI Standard 61
- Halal certification

Standard Packaging

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



AquaSorb® CT is a high activity granular activated carbon manufactured by steam activation from select coconut shell charcoal. Its enhanced microporosity makes it particularly well suited for the removal of low molecular weight organic compounds and their chlorinated by-products such as chloroform and other trihalomethanes (THM's). It is also ideally suited for the removal of oxidizing agents such as chlorine and ozone from process water. An important feature of this material is its superior mechanical hardness and the extensive dedusting during its manufacture that ensures an exceptionally clean activated carbon product.



Specification*

| | |
|------------------------------|----------------|
| Iodine number | min. 1050 mg/g |
| Moisture content (as packed) | max. 5% |
| Total ash content | max. 4% |
| Ball-pan hardness | min. 98% |

Typical Properties*

| | |
|---|------------------------|
| Surface area (BET) | 1100 m ² /g |
| CTC activity | 60% |
| Chlorine half length value (12x40 mesh) | 1.8 cm |
| Apparent density | 500 kg/m ³ |
| Bed density, backwashed and drained | 430 kg/m ³ |
| pH | 10 |



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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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ISO 9001

BUREAU VERITAS
Certification

