



AquaSorb® CS granular coconut shell based activated carbon

Features and Benefits

- Extensive internal structure
- Optimized density
- Highly microporous structure
- Maximum hardness
- Low dust and turbidity
- Excellent adsorption capacity
- High volume activity
- Rapid dechlorination
- Effective removal of ozone
- Low filtered water turbidity

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 and organic fouling

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)
- other granulations available upon request

Certifications and Approvals

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

Standard Packaging

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



AquaSorb® CS 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.



Soft drink manufacturers and breweries rely upon AquaSorb® CS activated carbon for dechlorination and dissolved organic removal.

Specification*

Iodine number	min. 1000 mg/g
CTC activity	min. 50%
Moisture content (as packed)	max. 5%
Total ash content	max. 4%
Ball-pan hardness	min. 98%

Typical Properties*

Surface area (BET)	1050 m ² /g
Chlorine half length value (12x40 mesh)	1.8 cm
Apparent density	510 kg/m ³
Bed density, backwash and drained	440 kg/m ³
pH	10

The polyethylene valve bag from Jacobi sets the standard in the industry for clean, durable and safe handling.

* 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.