AquaSorb® CX-MCA

catalytic granular coconut shell based activated carbon

Features and Benfits

- Catalytic activity
- Large and extensive internal pore structure
- Optimized density
- Maximum hardness
- Low dust and turbidity
- Excellent adsorption capacity
- High volume activity
- Rapid dechlorination
- Low filtered water turbidity

Typical Applications

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

Available Particle Sizes

- 12x40 mesh (0.425 - 1.70 mm)
- other granulations available upon request

Certifications and Approvals

- AWWA B604-96
- EN12915
- NSF Std. 61

AquaSorb® CX-MCA is a catalytic, high activity granular activated carbon manufactured by steam activation of select coconut shell charcoal. The catalytic activity of this activated carbon makes it highly effective for the removal of chloramines and hydrogen sulfide from potable water. Its large micropore volume 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 (THMs). An important feature of this material is its superior mechanical hardness and the extensive dedusting during its manufacture ensures an exceptionally clean activated carbon product.

AquaSorb® CX-MCA is an activated carbon with a catalytic activity that is required for liquid phase application involving oxidation, reduction, and decomposition.

Specification

Iodine number	min. 1000 mg/g
Moisture content (as packed)	max. 5%
Total ash content	max. 4%
Ball-pan hardness	min. 98%
CTC activity	min. 50%
Catalytic activity	min. 20°C

Typical Properties

Surface area (BET)	1060 m^2/g
Apparent density	514 kg/m^3
Bed density, backwashed and drained	437 kg/m^3
pH	10

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 handing.

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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

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