



ACTIVESORB – CX

GRANULAR COCONUT SHELL BASED ACTIVATED CARBON

INTRODUCTION

ACTIVESORB®-CX is a high activity granular activated carbon manufactured by steam activation of selected coconut shells.

The catalytic activity of this activated carbon makes it highly effective for 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.



FEATURES & BENEFITS

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

AVAILABLE SIZES

- 8x16 mesh (2.36 – 1.18 mm)
 - 8x20 mesh (2.36 – 0.60 mm)
 - 8x30 mesh (2.00 – 0.85 mm)
 - 12x40 mesh (1.70 – 0.425 mm)
- Other grain sizes upon request*

TYPICAL APPLICATIONS

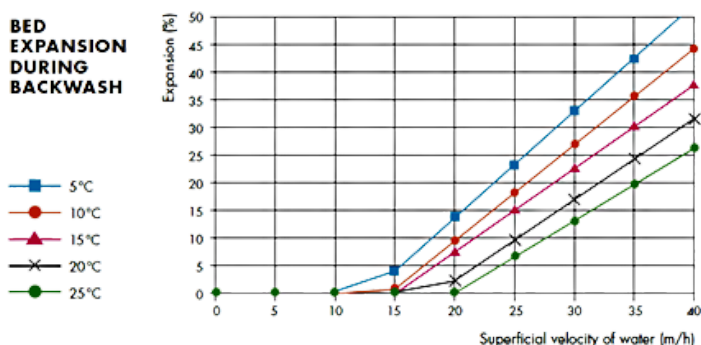
- Municipal drinking water treatment
- Point of Entry (POE)/Point of Use (POU)
- Beverage Production
- Protection of ion exchange resins from chloramines



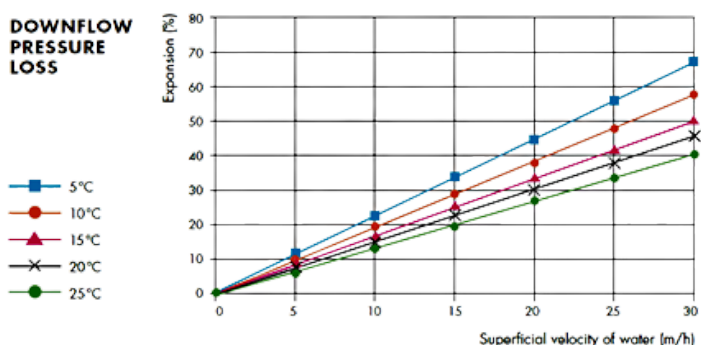
TECHNICAL DATA

ACTIVESORB®-CX: 8 X 30 MESH

BED EXPANSION DURING BACKWASH



DOWNFLOW PRESSURE LOSS



Bed Expansion and Pressure Loss curves are provided for the most commonly used particle sizes.

SPECIFICATIONS

Iodine Value	min. 1100 mg/g
Moisture content, as packed	max. 3%
Total ash content	max. 4%
Ball-pan hardness	min. 98%
CTC activity	min. 55%
Catalytic activity	min. 20%

TYPICAL PROPERTIES

Mesh Size	8x30 (0.600 -2.36 mm)
Surface Area (BET)	1100 m2/g
Apparent Density	522 kg/m3
Bulk Density	525 - 540 kg/m3
pH	9 -11

PACKAGING

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

Other packing considered on request



Watch Water® is a team of highly experienced specialists in water industry who provide new superior technologies compared to old conventional products.

Our experience and very successful products are unmatched in the industry and we have been recognized as an innovative industry leader. **Watch Water®** takes full responsibility in all water treatment problems, with its innovative concepts and pragmatic solutions, geared with high-end biofriendly water treatment chemicals and systems.

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