

CB[™]

CB[™] is a specialty impregnated, coconut-shell-based activated carbon. It was specifically developed for the removal of Mercury (Hg), which is difficult to remove by other adsorbents including standard activated carbon. CB[™] is capable of removing both elemental and ionic mercury species from gas streams. The captured mercury is chemically bound by an impregnant on the carbon and, thus, the spent carbon is resistant to release of

adsorbed mercury. CB[™] is manufactured by high-temperature steam activation of coconut shells followed by impregnation. CB[™] is a proven product for mercury removal in indoor-air applications where air is to be recycled or exhausted at elevated temperature. The standard mesh size is 6x12, but other custom mesh sizes are available upon request.

Test	Typical Values		Calgon Carbon Test Method
	Min	Max	
ASH, wt% (Note 1)	-	5	ASTM D 2866, TM-5
Carbon Tetrachloride, wt% (Notes 1 & 2)	55	-	ASTM D 3467
Hardness Number (Note 1)	97	-	ASTM D 3802
Moisture (As packaged), wt%	-	5	TM-1, ASTM D 2867
6 US Mesh [3.35 mm], wt%	-	5	TM-8, ASTM D 2862
< 12 US Mesh [1.70 mm] (PAN), wt%	-	5	TM-8, ASTM D 2862

Note 1: This test is performed on the base material or prior to impregnation as appropriate.

Note 2: Carbon Tetrachloride value is based upon the ASTM D 5742 correlation. Carbon Tetrachloride=Butane Activity x 2.55.

Safety Message

Activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low oxygen spaces should be followed, including all applicable Federal and State requirements.

Limitations of Liability

Notwithstanding any provision to the contrary herein, in no event shall Supplier or its contractors or suppliers of any tier be liable to Purchaser for any indirect, special, consequential, incidental or punitive damages as a result of a breach of any provision hereunder or for any other claim of any kind arising out of or relating to this document, whether in contract, in tort (including without limitation, negligence or strict liability), indemnification or otherwise. Notwithstanding any provision to the contrary herein, for all losses, damages, liabilities or expenses (including attorney's fees and costs), whether for indemnity or negligence, including errors, omissions or other acts, or willful misconduct, or based in contract, warranty (including any costs and fees for repairing, replacing or re-performing services or curing a breach hereof), or for any other cause of action (individually, a "Claim"; collectively, "Claims"), Supplier's liability, including the liability of its insurers, employees, agents, directors, and officers and all other persons for whom Supplier is legally responsible, shall not, to the maximum extent permitted by law, exceed in the cumulative aggregate with respect to all Claims arising out of or related to this document, the total amount of compensation paid to Supplier hereunder. All Claims of whatsoever nature shall be deemed waived unless made in writing within forty-five (45) days of the occurrence giving rise to the Claim.

Warranty Disclaimer

Calgon Carbon Corporation warrants that the Activated Carbon CB[™] will be free from defects in materials and workmanship for a period of 90 days following the date of purchase. In the event of a breach of this warranty, Calgon Carbon Corporation will, in its discretion, repair or replace any defective parts or the complete unit during the warranty period. This warranty does not apply to defects caused by (i) normal wear and tear, (ii) accident, disaster or event of force majeure, (iii) misuse, fault or negligence of or by Buyer, (iv) use of Activated Carbon CB[™] in a manner for which it is not designed, (v) external causes such as, but not limited to, power failure or electrical power surges, or (vi) improper storage and handling of the Activated Carbon CB[™]. EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY STATEMENT, CALGON CARBON CORPORATION DISCLAIMS ALL OTHER WARRANTIES, WHETHER STATUTORY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. CALGON CARBON CORPORATION DOES NOT WARRANT THAT THE ACTIVATED CARBON CB[™] ARE ERROR-FREE OR WILL ACCOMPLISH ANY PARTICULAR RESULT. ANY ADVICE OR ASSISTANCE FURNISHED BY CALGON CARBON CORPORATION IN RELATION TO THE ACTIVATED CARBON CB[™] PROVIDED FOR HEREUNDER SHALL NOT GIVE RISE TO ANY WARRANTY OR GUARANTEE OF ANY KIND. THIS WARRANTY WILL TAKE PRECEDENCE OVER ANY AND ALL OTHER WARRANTIES UNLESS SPECIFICALLY DISCLAIMED AND REFERENCED BY CALGON CARBON CORPORATION.

ACTIVATED CARBON INTRODUCTION
ACTIVATED CARBON CB™

Calgon Carbon Corporation is constantly striving to improve its products and capabilities and to provide the best product to its customers. Calgon Carbon Corporation may from time to time develop product improvements or alterations (including, without limitation, revisions to product specifications), and may implement such Product Improvements without notice to the Buyer.

Barnebey Sutcliffe®
A Division of
Calgon Carbon Corporation
835 North Cassady Avenue
Columbus, Ohio 43219

MAKING AIR SAFER AND CLEANER

614-258-9501 phone
614-258-0222 fax
ciaqsales@calgoncarbon-us.com
www.bscairfiltration.com