

AP4-60[™]

AP4-60[™] is a 4-mm diameter pellet-activated carbon designed for air and air and gas purification applications. The AP4-60[™] pellet is primarily used where lower pressure drop is critical. Pellets are produced by high-temperature steam activation of coal. This produces a material with a high surface area allowing it

to adsorb a wide range of organic compounds. Typical applications include ventilation and air conditioning systems, paint spray booths, and Volatile Organic Compound (VOC) abatement. In most cases, the spent (used) AP4-60[™] can be reactivated (recycled), ending your waste-generation liability.

Test	Typical Values		Calgon Carbon Test Method
	Min	Max	
Ash, wt% (Note 1)	-	14	ASTM D 2866
Carbon Tetrachloride, wt% (Notes 1 & 2)	60	-	ASTM D 3467
Density (Apparent), g/cc	.47	-	ASTM D 2854
Hardness Number (Note 1)	90	-	ASTM D 3802
Moisture (As packaged), wt%	-	5	ASTM D 2667
6 US Mesh [3.35 mm], wt%	95	-	ASTM D 2862
< 6 US Mesh [3.35 mm] (PAN), wt%	-	5	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

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Warranty Disclaimer

Calgon Carbon Corporation warrants that the Activated Carbon AP4-60[™] 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 AP4-60[™] 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 AP4-60[™]. 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 AP4-60[™] ARE ERROR-FREE OR WILL ACCOMPLISH ANY PARTICULAR RESULT. ANY ADVICE OR ASSISTANCE FURNISHED BY CALGON CARBON CORPORATION IN RELATION TO THE ACTIVATED CARBON AP4-60[™] 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 AP4-60™

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.

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