

OVC[™]

OVC[™] is a high-quality carbon manufactured from coconut shells by high-temperature steam activation under rigidly controlled conditions. The physical characteristics of this carbon, including its high microporosity, superior hardness, and low dust, make it a versatile choice for many vapor phase applications. The carbon is especially effective for removing weakly adsorbed compounds and for reducing

emissions to trace levels. It has a high retention for adsorbed species, compared to competitive products. Standard mesh size is 4x8, but custom mesh sizes are available upon request. In addition, greater-activity coconut products are available such as, RVG[®]-C80. In most cases, the spent (used) OVC[™] can be reactivated (recycled), ending the generator's waste liability.

Test	Typical Values		Calgon Carbon Test Method
	Min	Max	
Ash, wt% (Note 1)	-	3	ASTM D 2866
Carbon Tetrachloride, wt% (Notes 1 & 2)	60	-	ASTM D 3487
Density (Apparent), g/cc	0.45	-	ASTM D 2854
Hardness Number (Note 1)	97	-	ASTM D 3802
Moisture (As packaged), wt%	-	5	ASTM D 2867
4 US Mesh [4.75 mm], wt%	-	5	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.

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ACTIVATED CARBON INTRODUCTION
ACTIVATED CARBON OVC™

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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