

## FORMASORB<sup>®</sup>

FORMASORB<sup>®</sup> is a specialty impregnated coconut shell-based activated carbon for the removal formaldehyde. Formaldehyde is difficult to remove using other adsorbents, including standard activated carbon. FORMASORB<sup>®</sup> is capable of removing formaldehyde and other aldehydes in trace concentrations from gas streams.

It is manufactured by high-temperature steam activation of coconut shells under rigidly controlled conditions, followed by impregnation. The carbon is a proven product for indoor air quality applications. The standard mesh size is 4x8, but custom mesh sizes are available upon request.

| Test                                    | Typical Values |     | Calgon Carbon Test Method |
|---|----------------|-----|---------------------------|
|   | Min            | Max |                           |
| Ash, wt% (Note 1)                       | -              | 5   | ASTM D 2866               |
| Carbon Tetrachloride, wt% (Notes 1 & 2) | 55             | -   | ASTM D 3467               |
| Density (Apparent), g/cc                | 0.50           | -   | TM-7 or ASTM D 2854       |
| Hardness Number (Note 1)                | 97             | -   | ASTM D 3802               |
| Moisture (As packaged), wt%             | 15             | 20  | TM-1 or ASTM D 2867       |
| > 4 US Mesh [4.75 mm], wt%              | -              | 5   | ASTM D 2862               |
| 6 US Mesh [3.35 mm], wt%                | -              | -   | ASTM D 2862               |
| 8 US Mesh [2.36 mm], wt%                | -              | -   | ASTM D 2862               |
| < 8 US Mesh [2.36 mm], 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 FORMASORB®**

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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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