

208C 6x12

Coconut Activated Carbon

Description

208 C is a high quality carbon manufactured from quality coconut shells by high temperature steam activation under rigidly controlled conditions. The physical characteristics of 208 C, including its high microporosity, superior hardness, and low dust make it 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 retentivity for adsorbed species, compared to competitive products.

Features

- Coconut carbon
- Low ash content
- High mechanical strength

Benefits

- High hardness relative to other raw materials
- Pore structure provides a wide range of contaminant removal capabilities
- Hardness and abrasion resistance that is required for thermal reactivation or multiple cycles of in situ regeneration

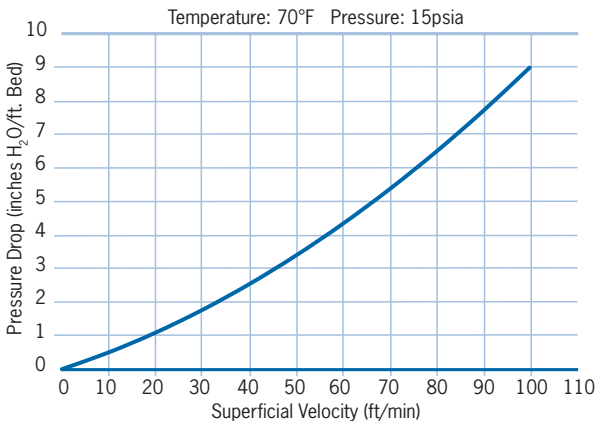
Applications

Potential applications for 208 C

- Odor Control
- HVAC
- VOC Control
- Control Room Environment
- Catalyst Support

Typical Pressure Drop (6x12 Granular)

Downflow pressure drop through bed of 208C 6x12



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Specifications

208C 6x12

Ash, wt%	5 (max)
Moisture (As Packaged), wt%	5 (max)
Hardness Number	97 (min)
Carbon Tetrachloride, wt%	60 (min)
6 US Mesh [3.35mm], wt%	8 (max)
<12 US Mesh [1.70mm] (PAN), wt%	5 (max)

Design Considerations

The design of an activated carbon adsorption system is dependent on the adsorbate type, influent concentration, temperature, flow rate, performance objective, relative humidity and other factors. Calgon Carbon can help evaluate the suitability of activated carbon to satisfy specific needs and assist in the design of an adsorption system. In addition to the supply of activated carbon, Calgon Carbon offers adsorption systems and carbon reactivation services to meet particular treatment objectives.

When designing a vapor phase activated carbon adsorption system Calgon Carbon Corporation recommends using the dense-packed pressure drop for fan sizing since activated carbon will settle during use. The loose-packed pressure drop will probably occur during start-up of the system. To determine what is best for your application and assistance with the design, please contact Calgon Carbon Corporation by calling 1-800-4-CARBON.

Packaging

Please contact Calgon Carbon for options and availability.

Safety Message

Wet 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. Please refer to the MSDS for all up to date product safety information.

Your local representative