



CCC GAC - MERCURY REMOVAL

Granular activated carbon media for mercury removal

Standard Product Specifications

CCC GAC - MERCURY REMOVAL granular activated carbon is a chemical impregnated carbon for the removal of mercury from elemental and organic mercury from natural gas, air, and by-product hydrogen streams. The carbon is manufactured from coconut shell charcoal. **CCC GAC - MERCURY REMOVAL** has unique pore structure and superior hardness necessary for the mercury removal application. **CCC GAC - MERCURY REMOVAL** carbon is manufactured by steam activation in a proper way to get maximum pore structure that will be suitable for adsorbing mercury from the gas stream. During the adsorption process, mercury is attracted to the activated carbon surface where a chemical reaction converts the mercury to mercuric sulfide. The sulfide product is then retained in the pores of the carbon granules.

Specifications:

Apparent Density (Kg/m ³)	480 min
Moisture (%)	5 max
Ball Pan Hardness (No.)	98 min
Crushing Strength (Kg)	2.5 min
Mercury Loading (%)	20 min

Typical Applications

- Mercury removal from natural gas and by-product hydrogen streams

Features and Benefits

- Granular activated carbon
- Cost effective mercury removal
- Mercury is chemically converted into mercuric sulfide
- Long term predictable performance

Available Particle Sizes

- 4 x 10 (4.75mm x 2.00mm)
- 8 x 16 (2.38mm x 1.19mm)
- 8 x 30 (2.83mm x 0.595mm)

Standard Packaging

- 25 kg PP bags (55 lbs)
- 500 kg jumbo bags (1100 lbs)
- Other packing can be possible on request