



CCC GAC - ARSENIC REMOVAL

Granular activated carbon media for arsenic removal

Standard Product Specifications

CCC GAC - ARSENIC REMOVAL has been found to be effective in organic arsenic removal in both water and natural gas treatment. It is specially designed chemical impregnated coconut shell based activated carbon, which converts the soluble arsenates to insoluble ones and adsorbs to its pores.

CCC GAC - ARSENIC REMOVAL is also effective in removing trialkylarsines in natural gas plants.

Specifications:

Surface Area (m ² /gm)	1000 min
Apparent Density (g/ml)	0.550+50
Moisture (%)	0.5 max
Ball Pan Hardness (No.)	98 min
Ash (%)	5 max
Arsenic Removal Efficiency (%)	99 min

Testing Conditions

Flow rate (LPM)	500
Diameter of carbon filter(mm)	150
Height of carbon bed (mm)	600
Inlet Arsenic Concentration (ppm)	2-2.5
Outlet Arsenic Concentration (ppb)	<1

Typical Applications

- Organic arsenic removal from ground water
- Trialkylarsines removal from natural gas plants.

Features and Benefits

- High adsorption capacity for As(III) and As(V)
- Good chemical and mechanical stability
- Capability in adsorbing Vanadium, Silica, Phosphorus and other heavy metals
- Made from coconut shell activated carbon : Low Ash
- High back wash efficiency

Available Particle Sizes

- 12 x 30 (1.68mm x 0.595mm)
- 12 x 20 (1.68mm x 0.841mm)
- 10 x 30 (2.00mm x 0.595mm)

Standard Packaging

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