

Virgin Granular Coconut Based Carbon (Liquid Phase)

Carbonair's virgin granular coconut based carbon is manufactured from selected grades of coconut shell which provides high adsorption surface area with a large quantity of micropores. This carbon is best suited to contaminated liquid streams that contain low molecular weight organic hydrocarbons (MW < 150, approximately).

Typical Applications

Groundwater, wastewater, potable water, and dechlorination.

Typical Contaminants

Petroleum hydrocarbons such as MTBE, BTEX (benzene, toluene, ethylbenzene, xylenes), butylbenzene, isopropylbenzene, isopropylether, propylbenzene, styrene, trimethylbenzene, and low molecular weight PAHs (polyaromatic hydrocarbons such as naphthalene, methylnaphthalene).

Chlorinated and brominated hydrocarbons such as bromoform, bromodichloromethane, carbontetrachloride, chlorodibromomethane, chloroform, dichloroethene (DCE), dichloroethane (DCA), ethylenedibromide, trichloroethane (TCA), trichloroethene (TCE), tetrachloroethane, and tetrachloroethene (PCE).

Inorganic compounds such as chlorine and chloramines.

Typical Physical Properties*

Iodine Number	1200 (minimum)
Apparent density (dense packing)	27-31 lbs/ft ³
Hardness Number	97 (minimum)
Moisture Content (as packed)	5% (maximum)
Ash content	3% (maximum)
Mesh Size	8x30

* Please consult with Carbonair for your specific application.

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