

Virgin Granular Coconut Based Carbon (Vapor 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 adsorbent media is best suited for contaminated air streams that contain low molecular weight organic hydrocarbons (MW < 150, approximately).

Typical Applications

Soil vapor extraction, air stripper off-gas, VOC control, tank venting, and solvent recovery.

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).

Typical Physical Properties*

Carbon Tetrachloride Number	60% (minimum)
Apparent density (dense packing)	28-30 lbs/ft ³
Hardness Number	95 (minimum)
Moisture Content (as packed)	2% (maximum)
Mesh Size	4x10

* Please consult with Carbonair for your specific application.

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