

Virgin Granular Coal Based Carbon (Liquid Phase)

Carbonair's virgin granular coal based carbon is manufactured from selected grades of bituminous coal which give high adsorption surface area with a broad pore size distribution (micropore, mesopore, and macropore). This carbon is recommended for a variety of organic hydrocarbons.

Typical Applications

Groundwater, wastewater, potable water, liquid process purification, decolorization, and dechlorination.

Typical Contaminants

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

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

Other organic compounds such as dyes, pesticides, herbicides, insecticides, explosives, phenols, pentachlorophenols, and PCBs.

Inorganic compounds such as chlorine and chloramines.

Typical Physical Properties*

Iodine Number	900 (minimum)
Molasses Number	200 (minimum)
Apparent density (dense packing)	27-31 lbs/ft ³
Abrasion Number (Ro-Tap)	75 (minimum)
Moisture Content (as packed)	2% (maximum)
Mesh Size	8x30, 12x40

* Please consult with Carbonair for your specific application.

Florida

10419 General Ave
Jacksonville, FL 32220
904-781-8881 General
904.387.5058 Fax
800.241.7833 Toll-free
sales@carbonair.com

Minnesota

7500 Boone Ave. N. #101
Brooklyn Park, MN 55428
763.315.4771 General
763.315.4614 Fax
800.526.4999 Toll-free
sales@carbonair.com

Texas

4889 Hunter Rd. Bldg 1-C
San Marcos, TX 78666
512.392.0085 General
512.392.0066 Fax
800.893.5937 Toll-free
sales@carbonair.com

Virginia

4003 West Main St.
Salem, VA 24153
540.380.5913 General
540.380.5920 Fax
800.204.0324 Toll-free
sales@carbonair.com