



ANTHRACITE
Filter Media Company

CF-460K

Impregnated Carbon

CF-460K Impregnated Carbon is a cylindrical-shaped carbon made from a carefully selected grade of coal. It is pelletized under rigidly controlled conditions using a high quality binder. This activated carbon possesses a high mechanical strength and lends itself well to numerous cycles of regeneration. Its shape offers a low flow resistance.

Application

Enhanced removal of hydrogen sulfide and mercaptans typically found in sewage treatment plants, pulp and paper mills, petroleum refineries and chemical plants.

Unimpregnated Carbon Properties

Activity - CCl ₄ (ASTM-D-3467)	Minimum 60%
Apparent Density (ASTM-D-2854)	Typical 0.48 g/cm ³
Hardness (MIL-C-17605B)	Typical 97
Moisture as packed (ASTM-D-2867)	Maximum 5%
Ash (ASTM-D-2866)	Maximum 5%
Surface Area (N ₂ BET Method)	Typical 1050 - 1200 m ² /g
Pore Volume	Typical 0.70 - 0.95 cm ³ /g
Specific Heat at 15 °C	0.65-0.75
Mesh Size	4 X 8 (4 MM)

Impregnated Carbon Properties

Apparent Density (ASTM D2854)	.56 g/cm ³ (35 lbs/ft ³)
Moisture, Maximum	10%
H ₂ S Capacity, Minimum (Calgon TM 41R)	0.16 g H ₂ S/cm ³ carbon

Caution: Wet Activated Carbon Depletes Oxygen from Air.

Whenever workers enter a vessel containing carbon, all precautions must be taken since dangerously low levels of oxygen may be encountered. Atmosphere sampling and work procedures for potentially low oxygen areas should be followed.

Standard Packaging:

200 pound drums and 1100 pound supersacks.

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