



CAMERON GREAT LAKES, INC.

MOLECULAR FILTRATION SPECIALISTS

CGL CI

DESCRIPTION

CGL/CI is a specially treated activated carbon designed for use in vapor phase odor control and corrosion control. It is available on pelletized carbon, granular bituminous coal, and granular coconut shell activated carbon.

APPLICATIONS

It is ideally suited for the removal of hydrogen sulfide, sulfur dioxide, hydrogen chloride, chlorine, fluorine, bromine, methyl mercaptans and other reactive and acid gases typically found in the treatment of sewage wastes, pulp and paper mills, and chemical plants.

Physical Properties

Apparent Density, (ASTM D2854-89)	0.55 G/CC Typical
Maximum Head Loss at 50 FPM	1.2" wc/FT of Bed Depth
Moisture Content (ASTM D2867-95)	10%
Hardness, (ASTM D-3802-79)	95
Hydrogen Sulfide, Minimum Breakthrough Capacity*	0.14G H₂S/CC Carbon, 23%
Time to .01 PPM H₂S Breakthrough	851 Hours

*Hydrogen sulfide breakthrough capacity is determined by passing a moist air stream (85% RH) containing 1% hydrogen sulfide, at a rate of 1450 cc/min, through a 1.0" diameter x 9" deep bed of uniformly packed activated carbon and monitored to 50 ppm breakthrough.

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