



Extract-All™
An exclusive Air Impurities
Removal Systems, Inc. brand

EXTRACT-ALL ADSORPTION MEDIA BLENDS



CI Media Blend

Description: 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 H ₂ S/CC Carbon, 23%
Time to .01 PPM H ₂ S 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.

This information has been gathered from standard reference materials and/or test procedures and is believed to be true and accurate. It is offered solely for your Consideration and verification. None of the information presented shall be construed as constituting a warranty or representation, expressed, written, or implied, for which we assume legal responsibility or that the information or goods described is fit for any particular use either alone or in combination with other goods or processes, or that its use does not conflict with existing patent rights. No license is granted to infringe on any patent rights or practice any patent invention.

Images shown above are for illustration purposes only and are not intended to represent every type of adsorption media blend.

Air Impurities Removal Systems, Inc.
166 North 121st Street, Wauwatosa, Wisconsin 53226-3802
800.236.1889 • Phone 414.257.1770 • Facsimile 414.257.3594
sales@airsystems-inc.com • www.airsystems-inc.com