

# WATER REGENERABLE ACTIVATED CARBON

## Technical Data Sheet

### DESCRIPTION:

Centaur is an activated carbon media produced to treat foul air from wastewater and sewage treatment processes. The carbon is a granular media derived from bituminous coal. H<sub>2</sub>S removal capacity of the media can be restored simply by washing with water. No chemical impregnates are used in the production of the media nor are any required to regenerate the media.

### APPLICATIONS:

Odor Control and VOC removal from air; typically in sewage and wastewater treatment plants where high concentrations of contaminants are present and where potable water is available for regenerating the media

### TYPICAL PROPERTIES:

Minimum H <sub>2</sub> S Breakthrough Capacity:	0.09 g H <sub>2</sub> S removed per cc of carbon initially 0.69 g H <sub>2</sub> S removed per cc of carbon ultimately
Maximum Moisture:	4% by weight
Apparent Density:	0.56 g/cc
Minimum Butane Activity:	15.6%
Minimum Hardness Number:	97
Minimum Iodine Number:	800 mg/g
Maximum Ash Content:	7% by weight

### FEATURES:

- H<sub>2</sub>S removal capacity can be restored with water washing
- Free of chemical impregnates, removes risk of bed fires
- Organic capacity is equal to or greater than impregnated carbons as well as other coal-based carbons

