



TIGG ZEUS

Vapor Phase Activated Carbon
for H₂S Removal

DESCRIPTION

TIGG ZEUS is an activated carbon product which is designed specifically for the removal of hydrogen sulfide with improved performance versus virgin carbon, without using impregnants. The manufacturing process enhances its properties for removing hydrogen sulfide. The extensive surface area permits adsorption of the sulfur bearing compounds while maintaining capacity for other odor causing organics. Thus the product functions as an effective adsorbent in addition to its primary sulfur compound removal role, while reducing the risk of exotherms associated with using chemically impregnated products.

TYPICAL PROPERTIES

U.S. Sieve, 85 wt% min	4 x 10
Apparent Density, (dense packing)	
g/cc	0.40
lbs/ft ³	25
Moisture, % max.	8
Hydrogen Sulfide Capacity – g H ₂ S/cc carbon (ASTM D6646)	0.20

TYPICAL APPLICATIONS

TIGG ZEUS activated carbon is recommended for applications where hydrogen sulfide and low molecular weight mercaptans need to be removed from the gas stream.

Standard packaging of the activated carbon is in 40 lb. bags or 1000 pound supersaks.

Wet drained activated carbon adsorbs oxygen from the air. Therefore, when workers need to enter a vessel containing wet activated carbon, they should follow confined space/low oxygen level procedures. Activated carbon dust does not present an explosion hazard.

