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## DESCRIPTION

TIGG MIC is a high activity coal based activated carbon which is impregnated to enhance its properties for removing compounds not typically removed by regular activated carbons. The extensive surface area permits optimum distribution of the impregnated reagent, for maximum reaction rate and full stoichiometric utilization. The finished product retains sufficient unimpregnated surface area to function as an effective adsorbent, in addition to its primary chemisorption role, thus allowing removal of a wide variety of organic contaminants.

## TYPICAL PROPERTIES

U.S. Sieve, 90 wt% min	4x10 mesh
Apparent Density, (dense packing)	
g/cc	0.57
lbs/ft <sup>3</sup>	35
Moisture – wt% max (as packaged)	2
CCl <sub>4</sub> Number, min (carbon substrate)	60
Iodine No., mg/g min (carbon substrate)	1000

\*Sizes also available are 1230.

## TYPICAL APPLICATIONS

TIGG MIC activated carbon is recommended for applications where hydrogen sulfide and low molecular weight organic sulfur compounds or other acid gases need to be removed from the gas streams with or without oxygen being present.

Standard packaging is in 230 lbs fiber drums.

*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.*