



TIGG 5D 2050 MTBE
Virgin Liquid Phase Coal Based Activated Carbon

DESCRIPTION

TIGG 5D 2050 MTBE is a bituminous coal-based activated carbon specially designed to remove low concentrations of weakly adsorbed organics from water. This activated carbon combines higher than usual microporosity with sufficient transport pores to permit superior loadings of highly soluble organics.

TYPICAL PROPERTIES

U.S Sieve, 90 wt % min	20 x 50
Iodine Number, mg/g min	850
Apparent Density, (dense packing)	
g/cc	0.63
lbs/ft ³	39
Abrasion No. - min	80

TYPICAL APPLICATIONS

This activated carbon is more cost effective than standard liquid phase carbons in removing highly soluble organics such as methyl tertiary butyl ether (MTBE) and tertiary butyl alcohol (TBA) from water. This carbon is typically employed in an adsorber downstream of TIGG 5D 1240 activated carbon or other TIGG liquid phase adsorbent which exhibits broad-spectrum purification ability.

Standard packaging of the activated carbon is in 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.

