



TIGG 5C 0410

Virgin Vapor Phase Coal Based Activated Carbon

DESCRIPTION

TIGG 5C 0410 is a granular activated carbon made from selected grades of bituminous coal. The combination of high activity level with a selection of transport and adsorption pores can accommodate adsorbates of varied molecular size. This activated carbon also contains the high-energy adsorption pores which are vital to attaining ultra high removal of low molecular weight volatile organic compounds.

TYPICAL PROPERTIES

U.S. Sieve, 90 wt% min	4 x 10*
CCl ₄ Number, min	60
Iodine Number, mg/g, min	1000
Apparent Density, (dense packing)	
g/cc	0.43 – 0.48
lbs/ft ³	27 – 30
Moisture - wt% max (as packed)	3
Hardness No. - min	93

*Sizes also available are 0408, 0616 and 1230.

TYPICAL APPLICATIONS

This activated carbon can be used to:

- Recover solvents
- Remove VOC's from:
 - Tank vents
 - Air stripper off gas
 - Soil venting
 - Remediation of excavated soil

Standard packaging of the activated carbon is in 55 pound bags or 1100 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.

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