



TIGG 5DC 2070 MTBE

Virgin Liquid Phase Coconut Based Activated Carbon

DESCRIPTION

TIGG 5DC 2070 MTBE is a coconut-based activated carbon specially designed to remove weakly adsorbed organics at low concentrations from water. This activated carbon combines higher than usual microporosity with sufficient transport pores to permit superior loading of highly soluble, lower molecular weight substances.

TYPICAL PROPERTIES

| | |
|-----------------------------------|-------------|
| U.S Sieve, 90 wt% min | 20 x 70 |
| Carbon Tetrachloride, wt% | 50 – 60 |
| Apparent Density, (dense packing) | |
| g/cc | 0.46 – 0.54 |
| lbs/ft ³ | 29 – 34 |
| Moisture - wt% max (as packed) | 3 |
| Hardness No. - min | 85 |

TYPICAL APPLICATIONS

This activated carbon can be used to remove:

- Methyl tertiary butyl ether (MTBE) from potable water
- Tertiary butyl alcohol (TBA) from water
- Other highly soluble organics from water and wastewater

Standard packaging of the activated carbon is in 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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1 Willow Avenue
Oakdale, PA 15071
(724) 703-3020 Phone
(724) 703-3026 Fax
info@tigg.com
www.tigg.com