# TIGG 5D 1240 NSF

## Virgin Liquid Phase Coal Based Activated Carbon

## DESCRIPTION

TIGG 5D 1240 is a granular activated carbon made from selected grades of bituminous coal. The range of pore sizes can accommodate organic molecules of varied size. The higher adsorption energy pores of this activated carbon permit the attainment of 100% removal of most organics from water and other liquids. This material meets AWWA B-600-96 and is NSF approved.

| TYPICAL PROPERTIES | TIGG 5D 1240 NSF |
|---|---|
| U.S Sieve, 90 wt% min | 12 x 40* |
| 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 | 95 |
| Abrasion No. min | 80 |

** Size 0830 is also available*

## TYPICAL APPLICATIONS

This activated carbon can be used to remove :

- BTEX and other organic compounds from ground water
- Organic compounds from wastewater
- Organic compounds from potable water
- Trace organics from process streams such as alcohols, glycerine, MEA, acids, etc.

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.*