



TIGG 5DAW 1240
Virgin Liquid Phase Coal Based Acid Washed
Activated Carbon

DESCRIPTION

TIGG 5DAW 1240 is a granular activated carbon made from selected grades of bituminous coal which has been acid washed. This activated carbon is used for the decolorization and purification of acidic organic and aqueous liquids which may be sensitive to iron which could be solubilized from standard activated carbon.

TYPICAL PROPERTIES

U.S Sieve, 90 wt% min	12 x 40*
Iodine Number, mg/g, min	950
Abrasion Number - min	85
Apparent Density, (dense packing)	
g/cc	0.44-0.46
lbs/ft ³	27-29
Moisture - wt% max (as packaged)	2
Acid soluble ash – wt% (max)	8

*Size 0830 is also available.

TYPICAL APPLICATIONS

This activated carbon can be used to purify solutions having low pH, such as hydrochloric acid, corn syrup, and high fructose corn syrup. It is also used where high purity water is important, such as bottling and brewing.

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.

