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TIGG SAFE

Ketone Activated Carbon

DESCRIPTION

TIGG SAFE carbon is a coal based activated carbon that has been impregnated with an antioxidant. This impregnant minimizes the temperature rise of the carbon in vapor phase applications when oxidizable ketone compounds are adsorbed. This carbon retains the activity and capacity for removing volatile organic compounds. TIGG Safe can be supplied in granular or pellet form.

TYPICAL PROPERTIES		TIGG SAFE
U.S Sieve, 90 wt% min	4 x 10*	Pellet
CCl ₄ Number, min	55	55
Iodine Number, mg/g	925	925
Apparent Density, (dense packing)		
g/cc	0.51	0.54
lbs/ft ³	31	32
Moisture – wt% max (as packaged)	2	2
Hardness No. - min	95	99

TYPICAL APPLICATIONS

This activated carbon can be used to:

- Capture 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 1000-pound supersacks.

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.