GC IPHg

impregnated activated carbon

GC IPHg is a coconut shell based activated carbon specially impregnated for the desulphurization of gasses and the removal of all acidic contaminants such as hydrogen sulfide, hydrogen chloride and mercaptans.

Carbon Substrate

Particle Type:	Granular
Mesh Size (U.S. Sieve):	4x8
Less than No 4, %:	5 (max)
Greater than No. 8, %:	5 (max)
CCl_4 Activity, %:	60 (min)
Iodine Number, mg/g:	1100 (min)
Surface Area, m2/g:	1100 (min)
Hardness, %:	98 (min)

Impregnated carbon

Bulk Density, g/cc:	0.48-0.52
Moisture, %:	15 (max)
Head loss @ 50 fpm face velocity through a dense packed bed, inches w.c./ft. bed depth:	1.9 (max)
Typical hydrogen sulfide breakthrough capacity, gH2S/cc carbon:	.14 (min)

Caution!

Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels. Confined space/low oxygen procedures should be put in place before any entry is made. Such procedures should comply with all applicable Local, State and Federal guidelines.

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