GC IPA

impregnated activated carbon

GC IPA is a granular activated carbon derived from bituminous coal and impregnated for the removal of ammonia from vapor streams. It is also available in other mesh sizes as well as in a coconut shell base or pelletized form.

Carbon Substrate

Particle Type:	Granular
Mesh Size (US Sieve):	4 x 8
Greater than No. 4, %:	5 (min)
Less than No. 8, %:	5 (max)
CCl_4 Activity, %:	60 (min)
Iodine Number, mg/g:	900 (min)
Surface Area, m2/g:	900 (min)
Hardness, %:	95 (min)

Impregnated carbon

Typical Bulk Density, lbs./ft.3:	51 (min)
Moisture, %:	12 (max)
Head loss @ 50 fpm face velocity through a dense packed bed, inches w.c./ft. bed depth:	1.9 (max)
Ammonia Adsorption Efficiency, (until breakthrough), %:	95 (min)

* 95% adsorption efficiency under ideal operation conditions. Performance under actual operation conditions may vary.

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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