



GC-IPA

Impregnated activated carbon for ammonia treatment

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

Specifications

Particle Type:	Granular
Mesh Size:	4X8
Greater than No. 8, %:	5.0 (min)
Less than No. 4, %:	5.0 (max)
CCl ₄ Activity, %:	60 (min)
Iodine Number, (mg/g):	1000 (min)
Surface Area, m ² /g:	1000 (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 operating conditions. Performance under actual operation conditions. Performance under actual operation conditions may vary.

Caution

Wet activated carbon removes oxygen from air causing a severe hazard to worker 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