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RNH Impregnated Pelletized Activated Carbon

RNH Impregnated Pelletized Activated Carbon (PAC-RNH-4x8) is a high activity, specially treated activated carbon for use in vapor-phase ammonia (NH_3) removal applications. The base material is a cylindrical - shaped carbon made from a carefully selected grade of coal. It is palletized under rigidly controlled conditions using a high-quality binder. This activated carbon possesses a high mechanical strength and lends itself well to numerous cycles of regeneration. Its shape offers a low flow resistance.

APPLICATION: Enhanced vapor phase removal of ammonia (NH_3).

UNIMPREGNATED CARBON PROPERTIES - BASE MATERIAL:

Total Surface Area, minimum (BET METHOD)	1050-1200 m^2/gm
Bulk Density (lbs./Ft^3)	30
Pore Volume (Hg displacement)	.70-0.95 cc/gm
Hardness Number, minimum (ASTM D3802)	97
Iodine Number, minimum (ASTM 04607)	1050 mg/gm
CCL_4 Activity, minimum (ASTM 03467)	60%
Moisture, maximum (ASTM 02867)	5%
Pellet Size	4mm
Mean Particle Diameter	3.7 mm

Impregnated Carbon Properties – Base Stock + RNH

Bulk Density (lbs./Ft^3)	40
Apparent Density (ASTM 02854)	.56 gm/cc
NH_3 removal capacity, minimum	16%

Standard Packaging: 40 lb. boxes. 200 lb. drums. 1100 lb. super sacks available.

Safety Notice: Wet Activated Carbon depletes Oxygen and creates a severe safety hazard for people working in confined spaces such as inside filters.