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RHG Impregnated Pelletized Activated Carbon

RHG Impregnated Pelletized Activated Carbon (PAC-RHG-4x8) is specially treated for use in vapor-phase mercury (Hg) 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 mercury (Hg).

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 + RHG

Bulk Density (lbs./Ft ³)	34
Potassium Tri-Iodide (KL ₃)	5% w/w

Standard Packaging: 34 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.

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