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KoH Impregnated Pelletized Activated Carbon

KoH Impregnated Pelletized Activated Carbon (PAC-KoH-4x8) 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 hydrogen sulfide (H₂S), Sulfur dioxide (SO₂), Sulfur Compounds, mercaptans, and acid gases typically found in sewage treatment plants, pulp and paper mills, petroleum refineries and chemical plants.

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 + KOH

Bulk Density (lbs./Ft ³)	35
Apparent Density (ASTM 02854)	.56 gm/cc
Moisture, maximum	15%
H ₂ S Capacity minimum (Calgon TM 41R)	0.16 gm H ₂ S /cc

Standard Packaging: 35 lb. boxes. 250 lb. drums. 1280 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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