

CatCarb® Catalyx Pellet Activated Carbon

Catalyx is manufactured from premium coconut shell charcoal through a carefully controlled steam activation process and engineered for superior catalytic performance in air, gas, and water purification applications.

The unique catalytic surface promotes the decomposition and oxidation of contaminants while simultaneously adsorbing impurities within its highly developed pore structure. The extruded pellet form provides excellent mechanical strength, low pressure drop, and high resistance to attrition, making it ideal for demanding industrial environments. With enhanced catalytic activity and a highly developed pore structure, Catalyx delivers exceptional performance in the removal of hydrogen sulfide (H₂S), chloramines, VOCs, odors, and other trace contaminants.

Applications

- Hydrogen sulfide (H₂S) removal
- Chloramine reduction
- Biogas purification
- VOC control
- Landfill gas treatment
- Wastewater odor control
- Industrial odor control systems
- Air pollution control systems
- Industrial gas treatment
- Solvent recovery applications

Catalyx – The Catalyst for Cleaner Air

CatCarb® Catalyx is engineered for the efficient removal of hydrogen sulfide (H₂S) and sulfur-based contaminants from air and gas streams. Catalyx combines a highly developed pore structure with enhanced catalytic activity to promote the oxidation and adsorption of hydrogen sulfide, delivering superior removal efficiency, extended service life, and reliable performance in demanding industrial applications. The product's high hardness, low pressure drop, and excellent resistance to attrition make it ideal for continuous operation in odor control, biogas upgrading, wastewater treatment, landfill gas treatment, and industrial air purification systems.

Key Features

Enhanced catalytic activity for H₂S removal
 Premium coconut shell activated carbon
 High sulfur loading capacity
 Excellent hardness and durability
 Low pressure drop
 Low dust generation
 Non-impregnated formulation available
 Extended service life

Packaging Options

1100 lbs, 55 lbs, 27.5 lbs bags
 Custom packaging available



Benefits

Superior H₂S removal performance
 Longer media life
 Reduced operating costs
 Reliable performance under varying conditions
 Lower maintenance requirements
 Suitable for continuous industrial operation

Standard Specifications

Iodine Value	1000 mg/g min
Catalytic Activity	22° min
Moisture Content	5% max
H ₂ S Breakthrough capacity	0.1 gms/cc Min
Ash Content	8% max
Pellet Diameter	4mm



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From the house of **IndoCarb®** and **CatCarb®** — trusted brands in activated carbon solutions

Granular

Powder

Pellets

Acid Washed

Impregnated

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Corporate Headquarters

BLACK  **OPAL**
CARBONS

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Factory certifications



US Warehouses

Florida :

Jacksonville, FL 32254

Riverview, FL 33578

New Jersey :

Randolph, NJ 07869

Texas :

Garland, TX 75042

Ohio :

Circleville, OH 43113

Missouri :

St. Louis, MO 63134

Worldwide Offices:

USA

Germany

South Africa

UAE

India