

### Advanced Acid-Impregnated Carbon for Ammonia & Amine Control

IndoCarb® Ammonyx is a premium phosphoric acid-impregnated activated carbon pellet specifically engineered for the removal of ammonia, amines, and other basic gases from industrial air streams. Manufactured from high-quality activated carbon pellets and enhanced with proprietary impregnation technology, Ammonyx provides exceptional adsorption capacity and neutralization efficiency for demanding odor control and gas purification applications.

The highly developed microporous structure provides exceptional surface area for adsorption, while the impregnated active compounds selectively react with alkaline gases, converting them into stable compounds retained within the media structure.

This dual-action mechanism improves media utilization, enhances contaminant retention, and provides reliable long-term performance compared with conventional activated carbon products.

### Applications

- Ammonia removal
- Amine removal
- Wastewater treatment plants
- Chemical storage tank venting
- Purification of process gases
- Office air recirculation systems
- Laboratory fume hood filters
- Industrial odor control systems
- Chemical manufacturing

### Key Features

High efficiency ammonia removal  
Enhanced chemisorption technology  
Excellent adsorption kinetics  
High mechanical strength and durability  
Low dust generation  
Low pressure drop characteristics  
Extended media service life  
Stable filtration performance  
Suitable for continuous industrial operation  
Consistent product quality

### Standard Specifications

|                  |                 |
|------------------|-----------------|
| Iodine Value     | 900 - 1500 mg/g |
| Impregnation     | 10% min         |
| Moisture Content | 10% max         |
| Ash              | 5% max          |
| pH               | 9 - 11          |
| Pellet Diameter  | 4mm             |

### WHY COCONUT SHELL ACTIVATED CARBON -

Coconut shell activated carbon is widely recognized as high-performance activated carbon material for gas-phase applications.

- High micropore volume
- Superior adsorption capacity
- Exceptional hardness
- Low abrasion loss
- Reduced dust formation
- Excellent pore structure development
- Extended operational life
- High resistance to mechanical degradation

These characteristics make it suitable for demanding industrial air purification and odor control applications.

### Packaging Options

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



 [www.blackopalcarbons.com](http://www.blackopalcarbons.com)

 [www.blackopalcarbonsme.com](http://www.blackopalcarbonsme.com)

 [www.blackopalco.in](http://www.blackopalco.in)

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