



## Black Granular Coal Based Activated Carbon 600-1000mg/g Iodine

### Our Product Introduction

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#### Basic Information



#### Product Specification

- Strength: No Less Than 95%
- Burn Residue: No More Than 15%
- Particle Size: 1.5mm
- Dimensions: 100\*100\*100 Mm
- Material: High Quality Anthracite Coal
- Port: SHANGHAI
- Iodine: 600-1000mg/g
- Shape: Black Grannular
- Highlight: **black granular activated carbon ,  
coal based activated carbon with warranty ,  
high iodine activated carbon 600-1000mg**



#### More Images



## Product Description

### Product Description:

Introducing our top-quality Coal-Based Activated Charcoal product, renowned for its exceptional adsorption capacity, methylene blue adsorption, and impressive iodine content. This activated charcoal is available in black granular or powder form, making it versatile for various applications.

One of the standout features of our Coal-Based Activated Charcoal is its adsorption capacity of  $\geq 900$  Mg/g. This high adsorption capability allows it to effectively capture and remove impurities, contaminants, and odors from a wide range of substances.

Furthermore, the methylene blue adsorption of  $\geq 150$  Mg/g demonstrates the superior performance of our activated charcoal in adsorbing organic compounds and dyes. This makes it a reliable choice for industries where the removal of organic impurities is crucial.

When it comes to iodine content, our Coal-Based Activated Charcoal offers a range of 600-1000mg/g, ensuring potent adsorption properties. Iodine is known for its ability to effectively adsorb a variety of substances, making this product highly efficient in purification processes.

Whether you choose the black granular or powder form, our Coal-Based Activated Charcoal is designed to meet your specific needs. The granular form provides excellent flow characteristics and is ideal for applications where a larger surface area is required. On the other hand, the powder form offers greater surface area per unit volume, making it suitable for applications that demand a finer particle size. Additionally, our Coal-Based Activated Charcoal is impregnated with KOH, enhancing its adsorption capabilities and making it even more effective in adsorbing a wide range of substances. This impregnation process further improves the product's performance and ensures consistent and reliable results.

Overall, our Coal-Based Activated Charcoal stands out as a superior product that delivers exceptional adsorption capacity, methylene blue adsorption, and iodine content. Whether you are in need of a reliable purification solution for industrial processes, water treatment, air filtration, or any other application, our activated charcoal is sure to meet and exceed your expectations.

### Features:

Product Name: Coal Based Activated Carbon

Iodine: 600-1000mg/g

Strength: No Less Than 95%

Shape: Black Granular

Burn Residue: No More Than 15%

Dimensions: 100\*100\*100 mm

### Technical Parameters:

Iodine	600-1000mg/g
Port	SHANGHAI
Adsorption Capacity	$\geq 900$ Mg/g
Burn Residue	No More Than 15%
Classification	Chemical Auxiliary Agent
Strength	No Less Than 95%
Particle Size	1.5mm
Methylene Blue Adsorption	$\geq 150$ Mg/g
Shape	Black Granular
Material	High Quality Anthracite Coal

### Applications:

Coal-Based Activated Charcoal, also known as coal-based activated carbon, is a versatile product with a wide range of applications due to its unique properties. Made from high quality anthracite coal, this activated charcoal is highly effective in various scenarios.

One key attribute of this product is its low burn residue, with no more than 15% left after activation. This makes it ideal for applications where cleanliness and minimal residue are important factors. The high iodine value of 600-1000mg/g further enhances its adsorption capabilities, allowing it to effectively capture and remove impurities from various substances.

With an impressive adsorption capacity of at least 900 mg/g, coal-based activated charcoal is commonly used in purification processes across different industries. Its ability to efficiently adsorb a wide range of contaminants makes it suitable for water treatment, air purification, and gas filtration applications.

The moisture content of this product is kept below 5%, ensuring its stability and effectiveness in various environments. This makes it a reliable choice for long-term use in scenarios where moisture control is crucial.

The product application occasions and scenarios for coal-based activated charcoal are extensive. It can be used in wastewater treatment plants to remove organic pollutants, in respirators to filter out harmful gases, and in food and beverage processing to purify liquids. Additionally, it is utilized in pharmaceuticals for medicinal purposes and in environmental remediation efforts to clean up contaminated sites.

Overall, coal-based activated charcoal is a highly versatile product with exceptional adsorption properties, making it a valuable tool in a wide range of industries and applications.



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