



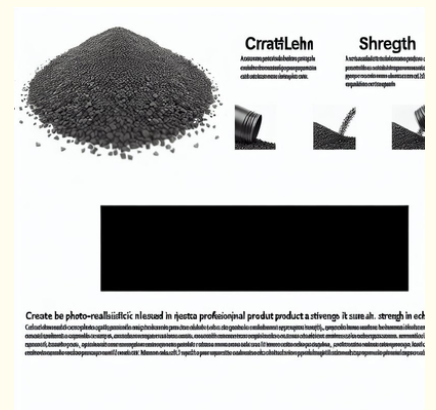
## Coal-Based Activated Carbon 1.5mm Granular with 95% Strength

### Basic Information



### Product Specification

- Appearance: Black Granular Or Powder
- Material: High Quality Anthracite Coal
- Strength: No Less Than 95%
- Loading Density: 480-500kg/m<sup>3</sup>
- Particle Size: 1.5mm
- Impregnated Liq: KOH
- Burn Residue: No More Than 15%
- Iodine: 600-1000mg/g
- Highlight: coal-based activated carbon granules, 1.5mm activated carbon with 95% strength, granular activated carbon for filtration



### More Images



## Product Description:

Coal-Based Activated Charcoal Product Summary:

Our Coal-Based Activated Charcoal product is a high-quality solution designed for various industrial and environmental applications. With dimensions of 100\*100\*100 mm, this activated charcoal offers exceptional performance and reliability.

One of the key features of our Coal-Based Activated Charcoal is its impressive methylene blue adsorption capacity of  $\geq 150$  mg/g. This attribute makes it highly effective in removing impurities and contaminants from air and water sources, ensuring a cleaner and healthier environment.

Moreover, this activated charcoal is impregnated with KOH, further enhancing its adsorption capabilities. The impregnation with KOH not only boosts the adsorption capacity of the charcoal but also provides added chemical stability and reactivity.

When it comes to adsorption capacity, our Coal-Based Activated Charcoal exceeds industry standards with a capacity of  $\geq 900$  mg/g. This high adsorption capacity makes it a reliable choice for applications requiring efficient removal of pollutants, odors, and other unwanted substances.

In terms of strength, our Coal-Based Activated Charcoal is built to last, with a strength level of no less than 95%. This durability ensures that the charcoal maintains its integrity and adsorption efficiency even under demanding operating conditions.

Whether you need a powerful solution for air purification, water treatment, chemical processing, or any other application requiring effective adsorption properties, our Coal-Based Activated Charcoal is the ideal choice. Trust in the quality and performance of our product to meet your specific needs and deliver outstanding results.

## Features:

Product Name: Coal-Based Activated Charcoal

Adsorption Capacity:  $\geq 900$  Mg/g

Material: High Quality Anthracite Coal

Appearance: Black Granular Or Powder

Impregnated Liq: KOH

Dimensions: 100\*100\*100 Mm

## Technical Parameters:

Strength	No Less Than 95%
Loading Density	480-500kg/m <sup>3</sup>
Iodine	600-1000mg/g
Adsorption Capacity	$\geq 900$ Mg/g
Dimensions	100*100*100 Mm
Port	SHANGHAI
Material	High Quality Anthracite Coal
Methylene Blue Adsorption	$\geq 150$ Mg/g
Burn Residue	No More Than 15%
Shape	Black Granular

## Applications:

Coal-based activated charcoal, also known as coal-based activated carbon, is a versatile chemical auxiliary agent that finds a wide range of application occasions and scenarios due to its unique properties.

With a particle size of 1.5mm, coal-based activated charcoal is ideal for various industrial processes where a fine particle size is required for effective adsorption and filtration. The high iodine value of 600-1000mg/g makes it particularly suitable for purification and decolorization processes in industries such as pharmaceuticals, food and beverage, and water treatment.

The appearance of coal-based activated charcoal in black granular or powder form further enhances its usability in different applications. The methylene blue adsorption capacity of  $\geq 150$  mg/g highlights its efficient adsorption capabilities, making it highly effective in removing impurities and contaminants from gases, liquids, and solutions.

Product Application Occasions and Scenarios:

**Water Treatment:** Coal-based activated charcoal is commonly used in water treatment plants for the removal of organic contaminants, odor, and color from drinking water and industrial wastewater.

**Gas Purification:** Its high adsorption capacity makes it suitable for gas purification processes in industries such as gas masks production, air filtration systems, and removal of volatile organic compounds.

**Chemical Processing:** In chemical industries, coal-based activated charcoal is utilized for the purification of chemicals, removal of impurities, and as a catalyst support in various chemical reactions.

**Environmental Remediation:** It is employed in environmental remediation projects to treat soil and groundwater contaminated with heavy metals, pesticides, and other pollutants.

Food and Beverage Industry: Coal-based activated charcoal is used for decolorization, purification, and removal of impurities in food and beverage processing, ensuring product quality and safety.



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