



## Coal-Based Activated Carbon Iodine 600-1000mg/g Granular 1.5mm

### Basic Information



### Product Specification

- Material: High Quality Anthracite Coal
- Burn Residue: No More Than 15%
- Impregnated Liq: KOH
- Particle Size: 1.5mm
- Shape: Black Granular
- Iodine: 600-1000mg/g
- Strength: No Less Than 95%
- Moisture:  $\leq 5\%$
- Highlight: coal-based activated carbon granular 1.5mm, activated carbon iodine 600-1000mg/g, coal activated carbon for water filtration



### More Images



## Product Description

### Product Description:

Coal-Based Activated Carbon is a highly effective and versatile material derived from high-quality Anthracite Coal. Anthracite coal is known for its purity and high carbon content, making it an excellent choice for producing activated carbon with superior performance. This product is widely used in various industries for its exceptional adsorption properties and purification capabilities. One of the key attributes of Coal-Based Activated Carbon is its low burn residue, with no more than 15% residue left after the activation process. This ensures that the activated carbon maintains its integrity and purity, providing consistent performance and reliability in various applications. The controlled burn residue also reflects the high quality of the raw material used in the production process. Another important characteristic of Coal-Based Activated Carbon is its high methylene blue adsorption capacity, with a minimum of 150 mg/g. This high adsorption capacity allows the activated carbon to effectively remove impurities, contaminants, and pollutants from air, water, and other substances. The superior methylene blue adsorption of this product makes it a preferred choice for applications requiring efficient purification and filtration. In addition, Coal-Based Activated Carbon has a low moisture content, with a maximum of 5%. The low moisture content helps prevent the activated carbon from becoming saturated and losing its adsorption capacity. This ensures that the product remains effective and reliable over time, providing long-lasting performance in various environmental and industrial settings. The appearance of Coal-Based Activated Carbon can vary, with options available in black granular or powder form. The granular form is ideal for applications where a large surface area is required for adsorption, while the powder form is suitable for applications that require fine filtration and purification. Both forms of activated carbon offer excellent adsorption capabilities and can be easily integrated into different systems and processes. Overall, Coal-Based Activated Carbon is a versatile and reliable material that offers superior adsorption properties, high purity, and consistent performance. Its use of high-quality Anthracite Coal as a raw material ensures that the product meets stringent quality standards and provides effective solutions for various purification and filtration needs. Whether used in water treatment, air purification, gas processing, or other applications, Coal-Based Activated Carbon delivers exceptional results and contributes to a cleaner and healthier environment.

### Features:

Product Name: Coal Based Activated Carbon

Loading Density: 480-500kg/m<sup>3</sup>

Strength: No Less Than 95%

Adsorption Capacity: ≥900 Mg/g

Shape: Black Granular

Particle Size: 1.5mm

### Technical Parameters:

Port	SHANGHAI
Iodine	600-1000mg/g
Burn Residue	No More Than 15%
Loading Density	480-500kg/m <sup>3</sup>
Strength	No Less Than 95%
Appearance	Black Granular Or Powder
Methylene Blue Adsorption	≥150 Mg/g
Impregnated Liq	KOH
Moisture	≤5%
Shape	Black Granular

### Applications:

Coal-Based Activated Charcoal is a versatile product that finds numerous application occasions and scenarios due to its exceptional attributes. With a Methylene Blue Adsorption of at least 150 Mg/g, this activated charcoal is highly effective in various filtration and purification processes. Its impressive Strength of no less than 95% ensures durability and longevity in use, making it a reliable choice for a wide range of applications.

One of the key features of this Coal-Based Activated Charcoal is its Impregnated Liq with KOH, which enhances its adsorption capabilities. With an impressive Adsorption Capacity of at least 900 Mg/g, this product is ideal for removing impurities, contaminants, and odors from various substances. Its Classification as a Chemical Auxiliary Agent further highlights its effectiveness in chemical processes and industrial applications.

The Coal-Based Activated Charcoal product is commonly used in water treatment plants for purifying drinking water and wastewater. Its high adsorption capacity makes it an excellent choice for removing organic compounds, heavy metals, and other pollutants from water sources. Additionally, it is widely utilized in air purification systems to eliminate harmful gases and odors, creating a cleaner and healthier indoor environment.

In the pharmaceutical industry, Coal-Based Activated Charcoal is employed in the production of medicines and supplements to remove impurities and ensure product purity. Its adsorption properties make it an essential ingredient in various medical and cosmetic formulations. Furthermore, it is utilized in gas masks and respirators to provide protection against toxic fumes and airborne particles.

Overall, the Coal-Based Activated Charcoal product is a valuable resource in a multitude of industries and applications, thanks to its superior adsorption capacity, strength, and impregnated Liq with KOH. Whether in water treatment, air purification, pharmaceuticals, or chemical processes, this activated charcoal delivers reliable performance and consistent results.



**Hong Kong Xinyue Activated Carbon Limited**



[act.carbon@xinyue.hk](mailto:act.carbon@xinyue.hk)



[activatedcarbon-charcoal.com](http://activatedcarbon-charcoal.com)

rooms 1318-19 13/F hollywood plaza 610 nathan road mong kok hong kong.