



Product Data Sheet

SDGs Pelletized Carbon for Non-Aqueous Applications

Code : SDG-2

About the product

SDG-2 is a high-performance, environmentally friendly adsorbent made by pelletizing biochar derived from woody biomass power plants, combined with proprietary blended materials. It features excellent deodorizing and gas removal capabilities, ease of handling, and low-cost implementation. As a sustainable deodorant, it also contributes to carbon neutrality.

FEATURES

Contributes to CO₂ Reduction

By effectively utilizing biochar generated during biomass carbonization, each 20kg product can reduce approximately 12.3kg of CO₂, qualifying it as a carbon-negative material.

High Performance and Low Cost

Delivers gas removal and deodorizing performance comparable to conventional activated carbon, at less than half the cost. Ideal for industrial use with outstanding cost efficiency.

Hydrolysable and Dispersible

The product disintegrates and disperses upon contact with moisture, enabling easy spreading and mixing in humid environments and ensuring uniform treatment.

Sustainable Supply Chain

Produced from renewable woody biomass resources, offering stable supply and reduced environmental impact—supporting a sustainable society.

PRODUCT PROPERTIES

1	Shape	—	Pellet
2	Material	—	Biochar, Wood ash, Inorganic porous material
3	Iodine number	mg/g	120 <
4	Moisture content	%	20 >
5	Total ash content	%	ca.64.8
6	Surface area	m ² /g	ca.150
7	Pore volume	cm ³ /g	ca.0.17
8	Apparent density	g/cc	ca.0.72
9	pH	—	9-11
10	Particle size	mm	Φ4
11	Gas Removal		
	Ammonia 100ppm	%	99 <
	Hydrogen sulfide 10ppm	%	99 <

APPLICATION

VOC (Volatile Organic Compound) removal from industrial exhaust streams

Odor control in workplaces, factories, and various facilities

HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the Safety Data Sheets.

PACKING 20kg paper bag · 700kg Jumbo bag