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Honeycomb Activated Carbon



Honeycomb activated carbon has developed micropores, large specific surface area, high adsorption capacity, water resistance, acid and alkali resistance, and high iodine adsorption value. It can be used for liquid phase adsorption and gas phase adsorption. It is widely used in air pollution control, environmental protection, pharmaceutical, food, chemical and other industries, as well as as catalyst carrier.

1. Description of Honeycomb activated carbon

It is mainly made of high-quality activated carbon powder, clay and binder. After full mixing and mixing, the honeycomb activated carbon is pressed into shape by mold and fired by ceramic process at high temperature. The technological process is: batching -- ball milling -- screening -- mud refining -- extrusion molding -- drying -- firing. Honeycomb activated carbon has the characteristics of water resistance, acid and alkali resistance, large specific surface area, small wind resistance, developed micropores, high adsorption capacity, and long service life. It is widely used in air pollution control, environmental protection, pharmaceutical, food and other industries, as well as as catalyst carrier.

Honeycomb activated carbon adsorption method is selected, that is, waste gas contacts with porous activated carbon with large surface, and pollutants in waste gas are adsorbed to play a purification role. The special physical properties of the product further optimize the surface activity, high adsorption capacity, make adsorption and desorption simpler, lower equipment energy consumption, performance and price are far superior to activated carbon particles or activated carbon fibers, and more suitable for the purification of large displacement, medium and low concentration waste gas.

2. Main performance indicators of Honeycomb activated carbon

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Item		Unit	Value
Iodine adsorption value		mg/g	≥550
Specific surface area		m ² /g	≥1050
carbon tetrachloride		%	≥65
compressive strength	gaseous type	Mpa	≥0.8
	liquid phase type		≥1.2
Water		%	≤5
Desorption humidity		°C	≥120
Operating temperature		°C	≤400
B.D		g/cm ³	0.35-0.60
Benzene adsorption rate	dynamic	%	≥37
	static state		≥52
Wind speed of empty tower		m/s	0.8
Pore density		hole/square inch	100, 150
Common specification		mm	100*100*50,100*100*100 Customizable

3. Main features of the product

- 1) Developed micropores, large specific surface area and large adsorption capacity
- 2) Suitable for liquid phase adsorption and gas phase adsorption
- 3) Water resistance, acid and alkali resistance, low resistance and long service life
- 4) Performance superior to activated carbon particles or activated carbon fibers
4. Use of honeycomb activated carbon

It is applicable to the treatment of large air volume, low concentration and organic waste gas, and is applicable to indoor air purification, adsorption and purification of organic gases such as toluene, benzene, phenols, lipids, and odor gases.

5, Good feedback of product use effect, the products have been exported to South Korea, Japan, Pakistan

6, We are a professional supplier, who can provide customers with free product technology, use and other issues

[Do you want to find a professional supplier of Honeycomb activated carbon?](#)

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