Henan CarbonFresh Activated Carbon Co., Ltd.

Parameter	Value
Specific Surface Area	≥600㎡/g
Apparent Density LF	0.55-0.70g/cm³
Apparent Density	0.55-0.66g/cm³
Moisture Content	10.0%H
Hardness	≥96%
Ash Content	≤4.0%
pH Value	<2
Ammonia Adsorption Capacity	11.0% (by weight)

Particle Size Range	U.S Standard Sieve
8x16 Max coarse particles 10.0%	Max fine particles 7.0%
14x30 Max coarse particles 10.0%	Max fine particles 5.0%

Product Advantages

Certification Standards: Complies with NSF/ANSI 61 certification and EN 12915 standards, ensuring product safety.
Additional Standards: Meets ASTM D4607 ASTM D2862 AWWA B604-2012 OSHS Standards

Packaging Specifications

25 kg bags
500 kg bulk bags
Cylindrical sealed drums
Customized packaging options

Product Overview

AAP-8801 is a high-performance coconut shell activated carbon produced by Carbon Fresh. It is manufactured using a process of calcination and thermal activation in a reducing atmosphere. This product features a highly microporous structure, making it particularly suitable for the adsorption of organic pollutants. After activation, the carbon surface is impregnated with stable acidic components, enhancing its adsorption capacity for alkaline molecules such as ammonia and low molecular weight amines.

Application Areas

AAP-8801 is widely used for odor control in photocopy rooms and fish processing areas, as well as for the adsorption of pollutants in various chemical processes and the treatment of tank venting. Additionally, it plays a significant role in the manufacturing of cartridge-type respirators.

Storage and Handing

AAP-8801 should be handled according to the requirements for acidic materials and kept in as dry an environment as possible due to its hygroscopic nature (it absorbs moisture from the environment). Nevertheless, the excellent adsorption capacity of AAP-8801 can offset these handling requirements, with its adsorption capacity being approximately twice that of other impregnated carbons.

Disclaimer

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