Henan CarbonFresh Activated Carbon Co., Ltd.

Parameter	Value
Iodine Adsorption Value	1150 mg/g
Moisture (at packaging)	Maximum 5%
Ash Content	Maximum 4%
Hardness	Minimum 98%
CTC Activity	60%
Butane Activity	23%
BET Surface Area (N_2)	1200 m^2/g
Apparent Density	0.48 g/cm^3
Adsorption Packing Density	430kg/m^3

Particle Size Range	Minimum Passing Rate
3x6 (6.30-3.35 mm)	Minimum 90%
4x6 (4.75-3.35mm)	Minimum 90%
4x8 (4.75-2.36 mm)	Minimum 90%
6x12 (3.35-1.70 mm)	Minimum 90%
8x16 (2.36-1.18 mm)	Minimum 90%
30x60(0.60-0.25mm)	Minimum 90%

Product Advantages

Certification Standards: Complies with NSF/ANSI 61 certification and EN 12915 standards, ensuring product safety.
Additional Standards: Meets ASTM D5742 ASTM D4607 ASTM D2862 EN 12915

Packaging Specifications

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

Product Overview

AAP-8802 is a highly active granular activated carbon produced by Carbon Fresh, made from selected coconut shells through high-temperature steam activation. It is suitable for various air purification and gas-phase applications, including odor and volatile organic compound (VOC) control, industrial air filtration, solvent recovery, catalyst support, cooking odor removal, smoking rooms, and HVAC (Heating, Ventilation, and Air Conditioning) systems. Its developed microporous structure shows significant advantages in adsorbing low molecular weight organic molecules, especially under low concentration conditions.

Product Advantages

Optimized microporous structure、Extremely high adsorption capacity、Extensive internal surface area
High Density: Enhances adsorption capacity per unit volume.
High Wettability: Improves contact efficiency with liquids. Excellent Hardness: Ensures stability during use.
Reactivation Capability: Can be reused, reducing costs. Low Dust: Minimizes dust pollution during processing.

Disclaimer

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