

## HR5 AW 12x40

### Acid Washed Granular Activated Coconut Carbon

#### Description

HR5 AW is an acid-washed coconut shell carbon designed for high efficiency water purification. It is manufactured by high temperature steam activation under rigidly controlled conditions. Additional processing reduces ash, fines, and dust. The physical characteristics of this coconut shell activated carbon, including its high microporosity and superior hardness, make it an ideal choice for point-of-use and point-of-entry filtration applications. This carbon is especially effective for adsorbing trace organic compounds such as THMs and pesticides, chlorine and disinfection by-products. HR5 is certified to NSF Standard 61.

#### Packaging

50 lb. Kraft Bag  
15 gal. Fiber Drum  
55 gal. Fiber Drum  
1,000 lb. Super Sack  
Bulk Tanker

#### Safety Message

Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low oxygen spaces should be followed, including all applicable Federal and State requirements.

#### Specifications

Iodine Number, mg/g (min)	1,050
Moisture Content, weight % (max)	2
<b>Screen Size, US Sieve Series, weight %</b>	<b>12x40</b>
On 12 mesh (max)	8
Through 40 mesh (max)	5

#### Typical Properties

Ball Pan Hardness	97
Ash Content, weight %	2
Water Soluble Ash, weight %	0.5
Acid Soluble Ash, weight %	1
Bulk Density, g/cm <sup>3</sup>	0.50
Backwashed and Drained Density, g/cm <sup>3</sup>	0.48
Surface Area, m <sup>2</sup> /g	1,100
Elution pH	6-8

#### Limitations of Liability

The Supplier's liability and the Purchaser's exclusive remedy for any cause of action arising out of this transaction, including, but not limited to, breach of warranty, negligence and/or indemnification, is expressly limited to a maximum of the purchase price of spare parts or equipment sold hereunder. All claims of whatsoever nature shall be deemed waived unless made in writing within forty-five (45) days of the occurrence giving rise to the claim. In no event shall the Supplier, for any reason or pursuant to any provision of the warranty, be liable for incidental or consequential damages or damages in excess of the purchase price, nor shall the Supplier be liable for loss of profits or fines imposed by governmental agencies.

#### Carbon and Process Media

Visit our website at [www.calgoncarbon.com](http://www.calgoncarbon.com), or call 800-422-7266 to learn more about our complete range of products and services, and obtain local contact information.



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