



Refreshed and Pure

Water that's more than just good enough to drink

Our high performance activated carbon range covers a wide array of applications in drinking water treatment, including point-of-entry, point-of-use filters and municipal water treatment. The type of carbon recommended for these applications will depend on the physical system; flow rates and size of filters; whether used in a packed bed or converted into carbon blocks; type and concentration of the contaminants. The products we supply to each of these sectors are category leaders in performance and come with a quality assurance guarantee.

Depending on system requirements, both our range of Granular Activated Carbons (GAC) & Powdered Activated Carbons (PAC) can be used. However the range of GAC has the edge in terms of handling convenience, service life and regeneration potential, and is preferred in modern treatment systems.

Taste and Odor Control

Chlorine or chloramines are used extensively as disinfecting agents in process or influent water purification. However, they need to be removed before the water reaches the consumer since they affect water quality in terms of taste and odor and may, in high concentrations, be hazardous to health. Our premium dechlorination carbon is tailored specifically to meet shorter dechlorination half value needs of the beverage industry, by more than doubling the rate of dechlorination. The removal of organic contaminants in the water is also significantly accelerated through the use of our range of carbon products.

Additionally, where customers may have a requirement for bacteriostatic filters, Haycarb is able to manufacture silver impregnated carbons to meet required specifications.

Desalination Systems

Desalination plants normally use membrane filters to remove salinity from seawater and make it suitable for human consumption. These membranes are highly sensitive to contamination by organic matter, dust and other impurities. Our activated carbons not only remove the organic compounds effectively, but they are of high purity preventing the release of contaminants that may damage highly sensitive and costly membrane filters used in this process.

Municipal Water Treatment

Organic compounds, including toxins, are commonly found in the rivers, lakes or reservoirs that feed municipal water treatment plants. Haycarb activated carbons deliver consistent performance in removing or controlling unpleasant tastes and odors and reducing the concentration of potentially hazardous compounds such as pesticides and chlorinated hydrocarbons.



Feature

- Shorter dechlorination half value
- Superior hardness and high resistance to attrition
- Improved flow characteristics due to shape, size distribution and low dust content
- High purity

Benefit

- Smaller filter bed height, less carbon required
- Greater system handling convenience
- Consistent performance
- Increased operating lifetime
- Prevents blockage of filter by fine carbon particles
- Consistent performance over time
- Lower pressure drops across the filter bed
- No chemical leaching into treated water.

Technical Information

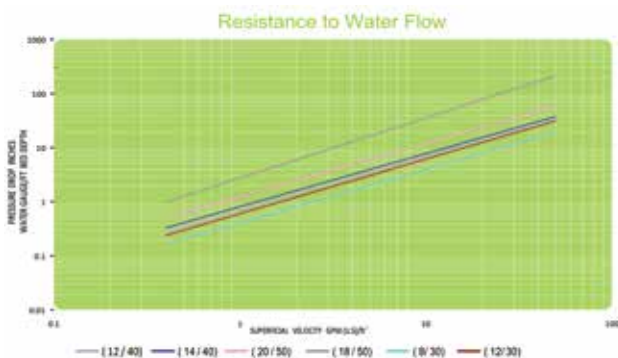
Parameter

- Moisture Content
ASTM D2867
- Hardness No
ASTM D3802
- Apparent Density
ASTM D2854
- Iodine No
ASTM D4607
- Particle Size

Typical Values

- 8% (w/w) max
- 98% min
- 0.5 g/cc typical
- 1000 mg/g min
- 8 x 30, 12 x 30, 14 x 45, 18 x 40, 20 x 50, M200, M325

We provide custom designed products for specific customer applications within the general range.



Packaging

Standard packaging is designed primarily to prevent deterioration of accurately graded granules and preclude the adsorption of moisture or atmospheric contaminants. Other packaging criteria can be accommodated on request.

Bulk Bag
Net. 500 Kg

Sacks
Net. 25 Kg

Product Testing Services

Haycarb's Research & Development laboratories in Sri Lanka and its overseas subsidiaries are equipped to perform all the standard testing required for Activated Carbons together with any other specialized product or application related testing requirements.

Warranty Disclaimer

Please confirm the specification of any particular grade with your representative prior to purchase. The user is responsible for ensuring that the product is correctly specified prior to purchase and Haycarb makes no express warranty as to suitability for specific application.



Haycarb Activated Carbon grades that are Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements; only, are listed on: www.nsf.org/certified/DWTU

Component



ISO 14001:2004 Certified



HAYCARB
Activated carbon solutions

Haycarb PLC
400, Deans Rd, Colombo 10, Sri Lanka.
Tel: sales (+94) 11268 7565, 11 262 7448
Fax: (+94) 11 269 9630
Email: sales@haycarb.com

Haycarb USA
220 Springhill Drive, Suite 220
Spring, TX 77386 USA
Tel: +1-8-HAYCARB, +1(281)292 8678
Email: Haymark@haymarkusa.com

www.haycarb.com

