



Purer Beverages

Haycarb manufactures superior Powdered Activated Carbon (PAC) and Granular Activated Carbon (GAC) products for the beverage industry. Powdered grades are used in batch processes which already require a filtration stage and where dosage needs to be varied according to process conditions. GACs are used where liquids of consistent quality or grade are continuously processed in high volumes. They are clean to handle and can be regenerated on or off-site.

Vital Carbon

Purification is a key element in the beverage industry and activated carbons play a vital role in all beverages produced. Most beverages utilize water drawn from the public mains, a deep well, or a spring. Normally, a disinfectant

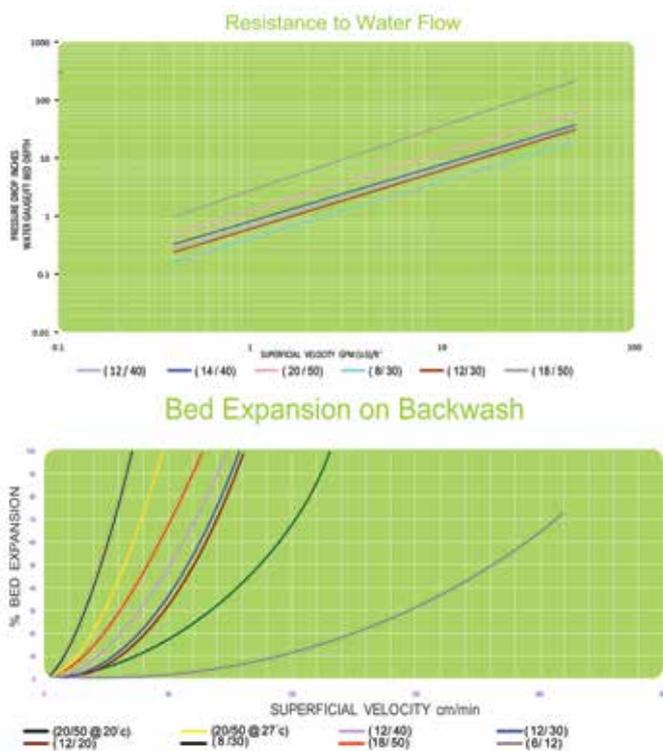
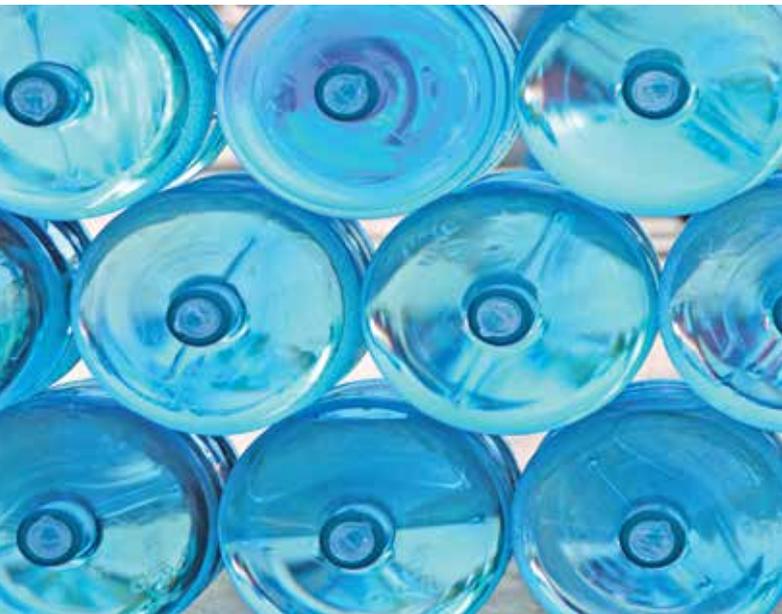
such as chlorine, ozone or chloramine is added to the water to kill microorganisms. Haycarb's GAC products are used to remove residues of these disinfecting agents, as well as possible reaction products such as trihalomethanes, and other organic components.

The Industry Choice

The range of carbon products developed by Haycarb for this application cover a wide range of dechlorination half-values and reaction rates to treat different concentrations of residue, as well as dechlorination rates specified by customers. These carbon products can withstand rigorous backwash regimes without disintegration due to their hardness and high attrition resistance. Other key features include purity with low dust and ash

content and lack of heavy metal contaminants such as arsenic, which are found in certain coal-based activated carbons. Haycarb's water carbon range is the carbon of choice in the industry, specified by beverage giants. Our premium dechlorination product, tailored specifically to meet the low-dechlorination-half-value requirements of the beverage industry, is surface-modified to create hydrophilic carbon that more than doubles the rate of dechlorination by attracting water, accelerating decomposition of the oxidant. Haycarb also offers a surface modified carbon specifically designed to remove chloramine.

We will recommend the most suitable grades to use, depending on the requirements and process conditions.



Technical Information

Parameter	Typical Values
Moisture Content ASTM D2867-04	5% (w/w) max
Hardness No ASTM D3802-99	98% min
Apparent Density ASTM D2854-96	0.5 g/cc typical
Particle Size	8 x 30, 14 x 45, 18 x 40, 20 x 50,

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



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Activated carbon solutions

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