



Baiyun Activated carbon Solutions

Ningxia baiyun 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. Haycarbs 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.