

AWI GRANULAR ACTIVATED CARBON



AWI Granular Activated Coal (GAC) is a premium grade granular carbon. AWI GAC is specially produced with a broad range of pore sizes to enhance absorption of colour bodies and organic impurities from process streams. GAC is acceptable for food and pharmaceutical applications. It is also used for purifications of acids, caustic liquors, plasticizers, soda ash, fatty acids, and other applications. GAC can be subject to the rigors of hydraulic transfer and thermal reactivation while maintaining minimal losses.

AWI GAC is made from a select grade of coal which is milled, compacted sized and thermally steam activated to yield a strong dense product with a large surface area. The pore structure is carefully controlled during the activation process to facilitate absorption of both high and low molecular weight organic impurities.

Bulk Density	28 pounds per cubic foot
Moh Hardness	2.5-4.0
Uniformity Coefficient	Less than 1.5
Acid Solubility	Less than 2% by weight (AWWA - 5% max.)
Iodine Number – mg/gm	1000 minimum
Moisture (as packed)	2% maximum

AWI GAC is process specific – call (403) 255-7377 for further information.

Packaging: 1 cubic foot bags on stretch-wrapped pallets.

AWI offers technical services for filter media selection, filter media testing, custom filter media installation and supervision.