

## BG-HHM

Powdered Activated Carbon

### Applications



Food & Beverage



Pharmaceutical



Spirits



Fruit Juice



Wine



Bottle & Brewing



Environmental Water

BG-HHM can be used for color removal and purification in various food and beverage applications including alcoholic spirits, fruit juices, wine and other food production processes. BG-HHM can also be used in pharmaceutical applications where adsorption of organic impurities is essential.

### Description

BG-HHM is a liquid phase powdered activated carbon (PAC) specifically designed for decolorization in food and beverage process applications and pharmaceutical product purification. This acid-activated, wood-based product was developed to effectively adsorb high and low molecular weight organic impurities. BG-HHM conforms to Food Chemical Codex requirements ensuring purity.

### Features / Benefits

- Wood based powder
- Water washed
- Highly activated
- Excellent for batch operations allowing for minimal customer product loss
- Dose can be easily regulated in the decolorization or purification process
- Improved carbon purity so that ash does not leach
- More effective removal of organics resulting in better purification and decolorization

### Specifications

#### BG-HHM

Iodine Number, mg/g	700 (min)
Moisture (As Packaged), wt%	10 (max)
Ash, wt%	6 (max)
< 200 US Mesh (0.075 mm), wt%	90 (min)
< 325 US Mesh (0.045 mm), wt%	60 (min) – 85 (max)

### Design Considerations

The use of powdered activated carbon for liquid purification requires the consideration of a downstream filtration or carbon removal step after an appropriate contact time has occurred. BG-HHM provides fast filtration, easy wettability and minimum dusting characteristics.

### Safety Message

Wet activated carbon can deplete oxygen from air in enclosed spaces. If use in an enclosed space is required, procedures for work in an oxygen deficient environment should be followed.

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