

## WPH-M®

Powdered Activated Carbon

### Applications

WPH-M powdered activated carbon is ideally suited for the removal of taste and odor-causing compounds such as geosmin and methylisoborneol (MIB), as well as herbicides and pesticides such as alachlor, atrazine and simazine, plus many other solution organic compounds. They can also be used in the treatment of industrial wastewaters and a number of process applications to remove refractory organic chemicals.

### Description

WPH-M carbon is a virgin, powdered activated carbon (PAC) specifically designed for use in the treatment of potable water. WPH-M meets all applicable AWWA standards per specification B-600 and is certified to NSF/ANSI 61 for use in potable water treatment.

### Features

- Free flowing powdered activated carbon
- High grind

### Benefits

- Works well in wet or dry injection systems
- Enables rapid dispersion in water

### Design Information

Powdered activated carbon is generally mixed with raw water in dosages ranging between 5 and 50 ppm. Longer mixing times result in lower doses. Similarly, higher activity carbons usually require lower doses. For the most cost-effective treatment, PAC should be fed at a point which allows the longest amount of contact time between the powdered activated carbon and the raw water.

### Specifications

|  | WPH-M®         |
|--|----------------|
| Iodine Number                          | 500 mg/g (min) |
| Moisture by Weight                     | 8% (max)       |
| Screen Size by Weight, US Sieve Series |                |
| Through 100 mesh                       | 99% (min)      |
| Through 200 mesh                       | 95% (min)      |
| Through 325 mesh                       | 90% (min)      |

### Packaging

1,000 lb (454 kg) Super Sack  
50 lb Bag  
Bulk Truck

### 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.

1.800.4CARBON calgoncarbon.com

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