

## WPC®

Powdered Activated Carbon

### Applications



Industrial Wastewater



Ground Water



Surface Water



Remediation Water Treatment



Drinking Water (Potable)



Environmental Water

WPC powdered activated carbon is ideally suited for a variety of applications including industrial wastewater, municipal wastewater, sludge stabilization, soil remediation, potable water as well as agricultural and industrial spill sites. The high iodine number of WPC allows for adsorption of a wide range of organic chemicals, toxic compounds, dyes and/or refractory organic chemicals present in the wastewater and spill/soil sites.

### Description

WPC carbon is a virgin, coconut based powdered activated carbon (PAC) that can be used in the treatment of potable water as well as many other industrial applications. WPC meets all applicable AWWA standards per specification B600 and is certified to ANSI/NSF Standard 61 for use in potable water treatment.

### Features / Benefits

- Free flowing powdered activated carbon
- High activity
- Works well in wet or dry injection systems
- Enables rapid dispersion in water
- Greater range of adsorbed organics

### Specifications

Specifications	WPC
Iodine Number, mg/g	800 min
Ash, wt%	18 max
Moisture (As packaged), wt%	8 max
< 100 US Mesh [0.150 mm], wt%	99 min
< 200 US Mesh [0.075 mm], wt%	95 min
< 325 US Mesh [0.045 mm], wt%	90 min

### Design Considerations

Powdered activated carbon is generally mixed with water/liquid in dosages ranging between 5 and 100 ppm. 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 liquid/water.

### 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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DS-WPC15-EIN-E1