

PWA

Acid Washed Powdered Activated Carbon

Description

PWA is a powdered activated carbon with low acid soluble iron content. It is specifically designed for use with low pH liquids or when a low metal/ash leachable activated carbon is desired. The product is acid washed during the manufacturing process resulting in a product with very low acid soluble iron content. PWA powdered carbon has a particle size that provides rapid rates of adsorption and filtration. PWA is manufactured by high temperature steam activation from select grades of bituminous coal to produce a product of high density. PWA provides the benefits of fast filtration, low product retention, easy wettability and minimum dusting characteristics. This product complies with the requirements for activated carbon as defined by the Food Chemicals Codex (FCC) (7th Edition) published by the U.S. Pharmacopeia.

Features

- Metallurgical grade bituminous coal
- Reagglomerated with suitable binders
- Optimum particle size
- Low filter cake resistance

Benefits

- Fast filtration
- Low product retention
- Easy wettability
- Minimum dusting

Applications

PWA is ideally suited for the purification of organic acids, chemicals and many products in the pharmaceutical and chemical industry where low pH solutions are encountered.

Specifications

	PWA
Molasses Number	210 (min)
Iodine Number, mg/g	900 (min)
Moisture (As Packaged), wt%	3.5 (max)
Acid Soluble Iron, wt%	0.05 (max)
Acid Soluble Ash, wt%	0.5 (max)
30 US Mesh (0.600 mm), wt%	0
60 US Mesh (0.250 mm), wt%	1 (max)
< 325 US Mesh (0.045 mm), wt%	65 - 75

Design Considerations

To determine what is best for your application and assistance with the design please contact Calgon Carbon Corporation by calling 1-800-4-CARBON.

Packaging

Please contact Calgon Carbon for options and availability.

Safety Message

Wet activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low oxygen spaces should be followed, including all applicable federal and state requirements. Please refer to the MSDS for all up to date product safety information.



Corporate Headquarters
 Calgon Carbon Corporation
 500 Calgon Carbon Drive
 Pittsburgh, PA USA 15205
 800.422.7266
 412.787.6700
 412.787.6713 Fax
www.calgoncarbon.com

European Operations
 Chemviron Carbon Corporation
 Zoning Industriel C de Feluy
 B-7181 Feluy, Belgium
 + 32 (0) 64 51 18 11
 + 32 (0) 64 54 15 91 Fax

Asia Operations
 Calgon Carbon Asia Pte Ltd.
 9 Temasek Boulevard
 #26-02 Suntec Tower Two
 Singapore 038989
 +65 6221 3500
 +65 6221 3554 Fax