

PRODUCT DATA BULLETIN

Description and Typical Applications

AquaGuard Powder is a high-activity powdered activated carbon specifically designed to remove chloramine, chlorine, and other undesirable chemicals from drinking water and purify a variety of foods, chemicals, and pharmaceuticals. AquaGuard Powder is specially processed to produce a high-purity product with low ash content, low soluble iron, and a pore structure that is optimum for a wide range of treatment applications. AquaGuard Powder meets the food-grade quality of activated carbons as defined in the current edition of the Food Chemicals Codex and is certified to NSF/ANSI Standards 61 and 42.

Specifications*

Iodine Number (mg/g)	1200 min
Molasses Decolorizing Index	25 min
Chloramine Activity (mg/g)	22 min
Moisture, As Packed (%)	10 max
pH	5 - 9
Water Solubles (%)	0.5 max
Sieve Analysis:	
% Thru 325 mesh (45µ)	55 min

Typical Properties *⊥

Apparent Density, g/cc	0.2 - 0.35
Apparent Density, lb/ft ³	12 - 22
Surface Area (Nitrogen BET Method) m ² /g	1800 - 2200
Pore Volume to 1000 Å, (cc/g)	1.3 - 1.5

Packaging

600-pound Bulk Bags
40-pound Bags - (20,000-pound minimum quantity)

*Specifications and typical property data as produced using MeadWestvaco procedures. (Rev 04/09)
*⊥Typical properties are for general information and are not to be construed as purchase specifications.
CAS Registry Number: 7440-44-0
The information contained herein is believed to be accurate, but no warranty is given nor is freedom from any patent to be inferred.

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Samples: Samples are available from MeadWestvaco's Carbon Department. To request a sample, call, write or e-mail us.

Safety: Always refer to the Material Safety Data Sheet for detailed information on safety. Contact us for MSDS information.

Caution: Never enter tanks or other confined areas containing wet, activated carbon. Wet, activated carbon will adsorb oxygen and asphyxiation may result.

