

PRODUCT DATA BULLETIN

Description and Typical Applications

Nuchar MWC is a premium activated carbon for treatment of potable water. Nuchar MWC has excellent taste/odor and TOC removal capabilities, and is designed specifically to treat surface water applications where there are typically a wide range of organics with various molecular weights. The particle size and density allow for excellent water contact and suspendability, along with improved separation characteristics. Nuchar MWC meets ANSI/AWWA B 600-05, and is Certified to NSF/ANSI Standard 61. Nuchar MWC meets the food grade quality standards for activated carbon as defined in the most recent edition of Food Chemicals Codex.

Specifications*

Iodine Number (mg/g)	900 min
Moisture, (%)	8 max
Mesh Size	
% thru 100 mesh (150 μ)	95 min
% thru 200 mesh (75 μ)	85 min
% thru 325 mesh (45 μ)	65 min

Typical Properties * \perp

Apparent Density, (g/cc)	0.21 - 0.37
Surface Area, (m ² /g)	1200-1600
Ash, (%)	< 10
Tannin Value, (mg/l)	175 -250

Packaging

Bulk Trucks - Approximately 30,000 pounds	(13,608 kilograms)
Bulk Rail Cars - 80,000 - 100,000 pounds	(36,288 - 45,360 kilograms)
45-pound Bags (On nonreturnable wood pallet)	(20.4 kilograms)
Bulk Bags - 750 pounds	(340 kilograms)

*Specifications and typical property data as produced using MeadWestvaco procedures.

(10/06)

* \perp 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.

MeadWestvaco Corporation

Specialty Chemicals Division
Carbon Department
P.O. Box 140
Covington, VA 24426

TEL: (540) 969 3700
Toll Free: 800-336-2211
FAX: (540) 965 0230
Email: carbon@meadwestvaco.com

World Wide Web:
<http://www.meadwestvaco.com>

©2002 MeadWestvaco Corporation

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.

