

PRODUCT DATA BULLETIN

Description and Typical Applications

Nuchar AG is a high-activity powdered activated carbon with large preponderance of pores in the meso and macro pore range. It is specifically designed for the adsorption of large quantities of high molecular weight substances. The customized particle size and extended suspension time in solution of Nuchar AG eliminates spray application problems. The efficient purification and control of agricultural chemicals may be assured with Nuchar AG.

Specifications\*

Iodine Number, (mg/g)	900 min
Molasses Decolorizing Index	14 min
Moisture, As Packed (%)	10 max
Sieve Analysis:	
% Thru 100 mesh (150 µ)	99 Min
% Thru 325 mesh (45 µ)	90 Min

Typical Properties \*

Apparent Density, (lbs/ cu ft)	20 - 23
Apparent Density, (kg/m <sup>3</sup> )	320 - 370
Ash, (%)	3 - 6
Surface Area, (m <sup>2</sup> /g)	1400 - 1800
Pore Volume to 1000 Å (cc/g)	1.1 – 1.3
Water Solubles (%)	1 - 3

Packaging

Bulk Trucks - Approximately 30,000 pounds	(13,620 kilograms)
Bulk Rail Cars - 80,000 - 100,000 pounds	(36,320 - 45,400 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. (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.

MWV

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<http://www.mwvnucharcarbon.com>

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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.

