

PRODUCT DATA BULLETIN

Description and Typical Applications

Nuchar SN-20 is a powdered activated carbon with unusually high sorptive capacity for high molecular weight color bodies. Thus, Nuchar SN-20 is designed for those applications requiring a minimum amount of carbon to remove a maximum amount of impurities. The neutral pH and filtering speed make SN-20 ideal for pharmaceutical and fine chemical purification and purification of food products such as liquid sugars. Nuchar SN-20 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 Standard 61.

Specifications*

Iodine Number, (mg/g)	1000 min
Molasses Decolorizing Index	20 min
Filtering Time, (sec)	50-100
Moisture, (% As Packed)	10 max
pH	6-8

Typical Properties *±

Apparent Density, (lbs/cu ft)	20-23
Apparent Density, (kg/m ³)	320 - 370
Ash, (%)	5 - 7
Surface Area, (m ² /g)	1400 -1800
Pore Volume to 1000 Å, (cc/g)	1.1 - 1.3
Water Solubles, (%)	1 - 3
Sieve Analysis:	
% Thru 100 mesh (150 µ)	95 - 100
% Thru 200 mesh (75 µ)	85 - 95
% Thru 325 mesh (45 µ)	65 - 85

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)	(18.2 kilograms)
Bulk Bags - 750 pounds	(340 kilograms)

*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.

MWV

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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.

