

PRODUCT DATA BULLETIN

Description and Typical Applications

Nuchar SA-PCL is a wood-based activated carbon with excellent sorptive capacity and improved filtration characteristics for high molecular weight color bodies. Nuchar SA-PCL is a size-classified material designed to remove a maximum amount of impurities with a minimum amount of carbon. Nuchar SA-PCL meets the food-grade quality of activated carbon as defined in the current edition of the Food Chemical Codex and is Certified to NSF/ANSI Standard 61.

Specifications*

Iodine Number, (mg/g)	900 min
Molasses Decolorizing Index	14 min
Moisture, As Packed (%)	10 max
pH	4 – 6
Particle Size Distribution, % Weight	
Smaller than 10 microns (undersize)	10 max
Larger than 120 microns (oversize)	10 max

Typical Properties *₁

Apparent Density, (lbs/ cu ft)	20 – 23
Ash, (%)	3 – 6
Surface Area, (m ² /g)	1400 – 1800
Pore Volume to 1000 Å, (cc/g)	1.1 – 1.3
Filtering Time, (sec)	5-25
Water Solubles (%)	1 – 3

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 non-returnable wood pallet)	(20.4 kilograms)
Bulk Box – 700 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.

