

DATASHEET

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NORIT® PAC 20B

POWDERED ACTIVATED CARBON

NORIT PAC 20B is a powdered activated carbon produced from select grades of coal. It offers superior adsorption properties in water treatment applications involving removal of color bodies, dissolved organics, and compounds causing taste and odor complaints. **NORIT PAC 20B** meets ANSI/NSF Standard 61 with a maximum use level of 250 mg/L.

Product Specifications

Iodine number, mg/g	800 min.
Moisture, % as packed	6 max.
Mesh size (U.S. Sieve Series)	
Less than 325 mesh (45 µm), %	50 min.

Typical Properties*

Molasses number	170
Bulk density, tamped, g/mL	0.51
lb/ft ³	32
Mesh size (U.S. Sieve Series)	
Less than 100 mesh (150 µm), %	96
Less than 200 mesh (75 µm), %	88
Food Chemical Codex	Passes

*For general information only, not to be used as purchase specifications.

Packaging/Transportation

Standard package is 50 lb bags, 45 bags per pallet for a net pallet weight of 2250 lb. Alternate packages include woven polypropylene bulk bags, 1000 lb net.

Activated carbon (NOT REGULATED)

Exempt from DOT, IATA, and IMDG regulations

Import/Export classification: 3802.10.0000 (HS Tariff Classification)

Domestic Freight Classification: NMFC 040560

CAS # 7440-44-0

Material Handling

Wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas should be followed. Appropriate protective equipment should be worn. Avoid inhalation of excessive carbon dust. No problems are known to be associated in handling this material. Please see the product Material Safety Data Sheet for details. Long-term inhalation of high dust concentrations can lead to respiratory impairment. Use forced ventilation or a dust mask when necessary for protection against airborne dust exposure (see Code of Federal Regulations - Title 29, Subpart Z, par. 1910.1000, Table Z-3).

Note: Any specification given was valid at time of issuance of the publication. However, we maintain a policy of continuous development and reserve the right to amend any specification without notice.