

DATASHEET

No. 3200
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GRANULAR ACTIVATED CARBON

NORIT AZO is especially suitable for the purification of inorganic chemicals requiring an activated carbon to be used in layer filtration. **NORIT AZO** has very fine particles, therefore is useful in applications where the use of normal filter-aids is restricted, such as the removal of mercury from caustic soda solutions. **NORIT AZO** is a steam activated carbon.

Product Specifications

Particle size	
> 250 µm, mass-%	10 max.
Moisture (as packed), mass-%	10 max.

Typical Properties

Surface area (BET), m ² /g	700	
Apparent density, vibrating feed, g/mL	0.34	
	lb/ft ³	21
Particle size		
> 150 µm, mass-%	33	
> 106 µm, mass-%	58	
> 74 µm, mass-%	72	
> 53 µm, mass-%	81	
> 37 µm, mass-%	86	
Ash, mass-%	19	

NOTES

- 1) All analyses based on NORIT Standard Test Methods (NSTM).
- 2) Typical properties for general information only, not to be used as purchase specifications.

Packaging/Transportation

Standard package is 15 kg bags, 40 bags per pallet for a net pallet weight of 600 kg.

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. This product may contain silica. 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.