

DATASHEETNo. 3103
Apr 2009**NORIT® D10**

POWDERED ACTIVATED CARBON

NORIT D10 is very suitable for the improvement of the sensory (organoleptic) character of alcoholic beverages such as wine and spirits. **NORIT D10** is a steam activated carbon, dedicated to adsorb undesired taste and odor compounds without affecting the desired natural character of the treated product.

Product Specifications

Molasses number (EUR)	1300 max.
Moisture (as packed), mass-%	10 max.

Typical Properties

Iodine number	550
Methylene blue adsorption, g/100 g	6
Surface area (BET), m ² /g	600
Apparent density, tamped, g/mL	0.60
lb/ft ³	37
Particle size	
d10, µm	3
d50, µm	30
d90, µm	140
Ash, mass-%	9
Chloride (acid extr.), mass-%	0.1
pH	Alkaline
Filtration time, min	20
Food Chemicals Codex	Passes

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 25 kg bags, 48 bags per pallet for a net pallet weight of 1200 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

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NORIT® D10 (continued)

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.