

DATASHEETNo. 3320
Jan 2010**NORIT® RBAA 1**

EXTRUDED ACTIVATED CARBON

NORIT RBAA 1 is an impregnated steam activated extruded carbon that is used in industrial gas masks. It is used to remove small amounts of acidic vapors from waste air and also to purify intake air for computer rooms, hospitals, laboratories, and control rooms.

Product Specifications

CEN 14387, class E2;	
canister 90 mm diameter, 270 mL carbon	
- testgas SO ₂ , min	20 min.
- breathing resistance at 30 L/min, kPa	0.14 max.

Typical Properties

Apparent density, vibrating feed, g/mL	0.53
lb/ft ³	33
Ball-pan hardness	99
Pressure drop in air at gas velocity of 25 cm/s, kPa/m	9.5
Moisture (as packed), mass-%	25

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, 40 bags per pallet for a net pallet weight of 1000 kg.

Carbon, activated, 4.2, UN1362, PGIII

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).

(continued on reverse side)

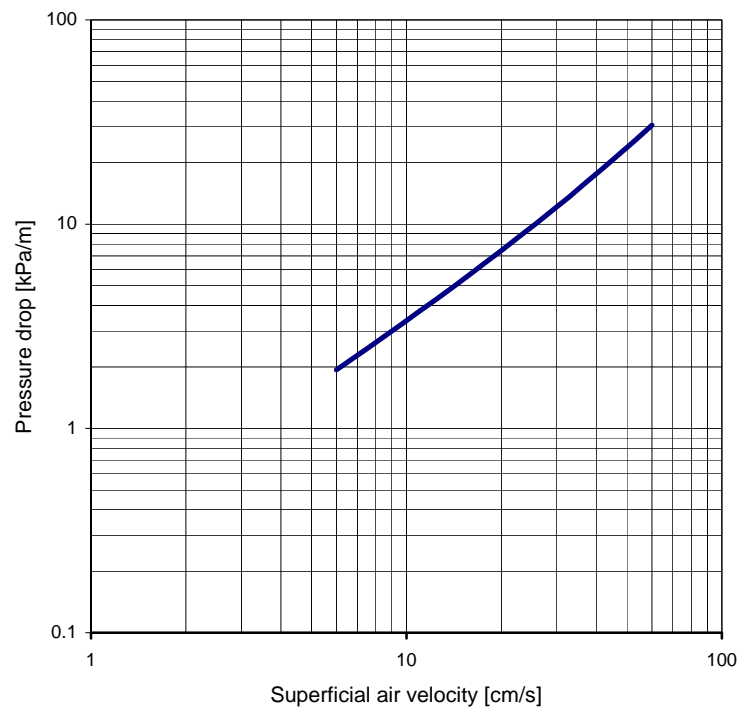
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NORIT[®] RBAA 1 (continued)

Engineering Data

Typical Pressure Drop Curve for 1 mm Extruded Pellets



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.