

## DATASHEET

No. 3325  
Feb 2010

### NORIT® RGM 1

EXTRUDED ACTIVATED CARBON

**NORIT RGM 1** is an impregnated steam activated extruded carbon with a diameter of 1 mm. It is used in industrial gas masks, where the low density of this carbon results in relatively low weight canisters. **NORIT RGM 1** meets the requirements of the German TL 4240-0045 test.

#### Product Specifications

CEN 14387, class B2;	
canister 90 mm diameter, 270 mL carbon	
- testgas Cl <sub>2</sub> , min	20 min.
- breathing resistance at 30 L/min, kPa	0.14 max.
Moisture (as packed), mass-%	5 max.

#### Typical Properties

Apparent density, vibrating feed, g/mL	0.49
	lb/ft <sup>3</sup>
Ball-pan hardness	99
Pressure drop in air at gas velocity	
of 25 cm/s, kPa/m	10
CEN 14387, class B2;	
canister 90 mm diameter, 270 mL carbon	
- testgas HCN, min	39
- testgas H <sub>2</sub> S, min	115

#### 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.

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

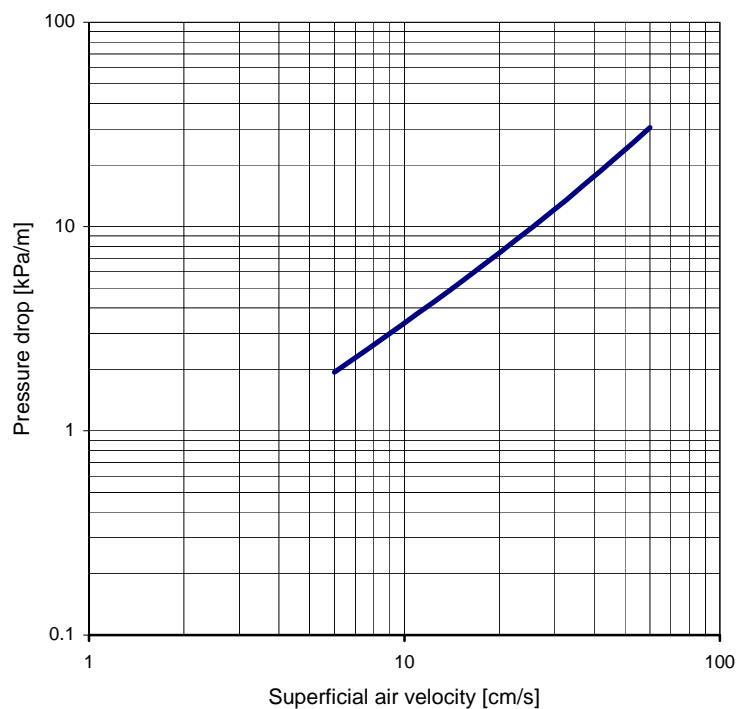
Wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas should be followed. Appropriate 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).

(continued on reverse side)

## NORIT<sup>®</sup> RGM 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.