

## DATASHEET

No. 3322  
Jul 2007

### **NORIT® RBHG 3** EXTRUDED ACTIVATED CARBON

**NORIT RBHG 3** is an impregnated steam activated extruded carbon with a diameter of 3 mm. It is a highly porous carbon excellent for the removal of mercury vapors from natural gas, air, hydrogen and other gases. **NORIT RBHG 3** is impregnated with a sulphur component to form a more stable, non-volatile mercuric sulphide.

#### Product Specifications

Sulphur content, mass-% 10 min.

#### Typical Properties

Apparent density, vibrating feed, g/mL	0.57
lb/ft <sup>3</sup>	36
Ball-pan hardness	99
Pressure drop in air at gas velocity of 25 cm/s, kPa/m	1.9

#### **NOTES**

- 1) Maximum bed operating temperature, 60C (140F).
- 2) All analyses based on NORIT Standard Test Methods (NSTM).
- 3) 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. Alternate packages include 500 kg or 1000 kg bulk bags.

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).

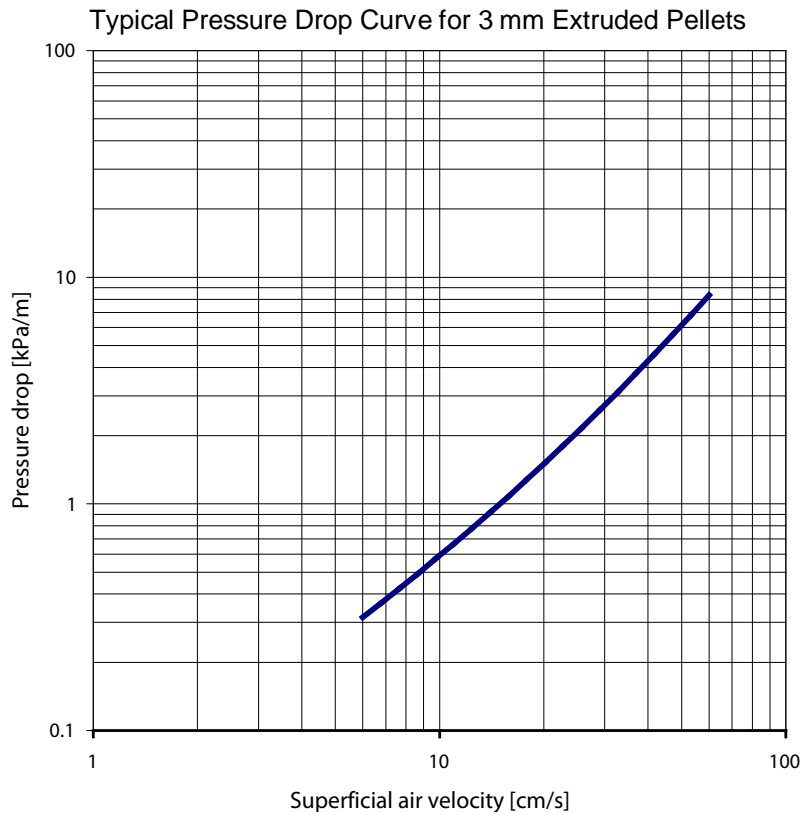
(continued on reverse side)

# DATASHEET

No. 3322  
Jul 2007

## NORIT<sup>®</sup> RBHG 3 (continued)

### Engineering Data



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.