

# NORIT Americas Inc.

The Purification Company



ISO 9001:2000  
FM 36335

## DATASHEET

No. 1230  
Jul 2005

### DARCO® H<sub>2</sub>S

GRANULAR ACTIVATED CARBON

**DARCO H<sub>2</sub>S** is manufactured for vapor phase odor control. It is produced with a proprietary activation process which does not involve impregnants of any kind. **DARCO H<sub>2</sub>S** is a 4X10 mesh granular carbon.

#### Typical Properties\*

H <sub>2</sub> S Capacity (ASTM D6646-03), g/mL	0.18-0.22
Moisture, % as packed	3
Apparent density, vibrating feed, g/mL	0.37-0.45
lb/ft <sup>3</sup>	23-28
Mesh size (U.S. Sieve Series)	
Greater than 4 mesh (4.76 mm), %	5
Less than 10 mesh (2.00 mm), %	5

\*For general information only, not to be used as purchasing specifications.

#### Packaging/Transportation

Standard package is 40 lb bags, 30 bags per pallet for a net pallet weight of 1200 lbs. An alternate package is a 1000 lb bulk bag.

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

#### Safety

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. However, the product may contain up to 12% silica (quartz). 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)



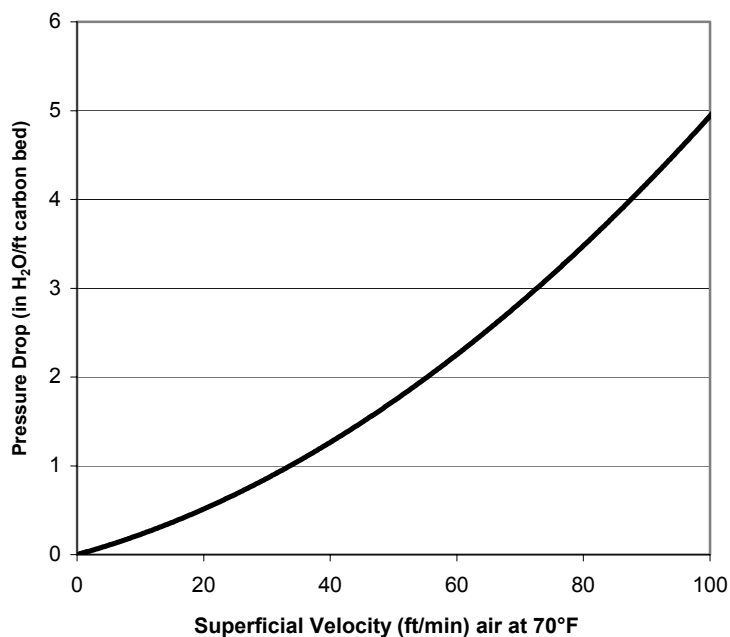
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## DARCO<sup>®</sup> H<sub>2</sub>S (continued)

### Engineering Data

Typical Pressure Drop Chart  
for DARCO H<sub>2</sub>S



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.

