Norit Activated Carbon
leading in purification

ISO 9001:2000
FM 36335

DATASHEET

No. 1215
Sep 2007

PETRODARCO® 4X10

GRANULAR ACTIVATED CARBON

PETRODARCO 4X10 is an acid washed granular activated carbon produced by steam activation of lignite coal. This grade of granular carbon is specifically manufactured for the purification of amine and glycol process streams. **PETRODARCO 4X10** is superior at removing degradation by-products, which contribute to foaming and corrosion. More detailed information on this application and **PETRODARCO 4X10** is available in brochure 64-001-GB.

Product Specifications

Molasses decolorizing efficiency	65 min.
Moisture, % as packed	12 max.
Mesh size (U.S. Sieve Series)	
Greater than 4 mesh (4.75 mm), %	5 max.
Less than 12 mesh (1.70 mm), %	5 max.

Typical Properties*

pH, water extract	4.6
Apparent density, vibrating feed, g/mL	0.40
lb/ft^3	25
Surface area, m^2/g	600
Total pore volume, mL/g	0.90

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

Packaging/Transportation

Standard package is 40 lb bags, 30 bags per pallet for a net pallet weight of 1200 lb. Alternate packages include woven polypropylene bulk bags, 880 lb net, with a glued plastic liner.
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 contains 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.

Norit Americas Inc. *• 3200 West University Avenue • PO Box 790 • Marshall, TX 75671 USA*
Telephone +1 903 923 1000 • +1 800 641 9245 • FAX +1 903 923 1003
www.norit-americas.com • info@norit-americas.com