

## DATASHEET

No. 3351  
Feb 2010**NORIT® RX 3 EXTRA**

EXTRUDED ACTIVATED CARBON

**NORIT RX 3 EXTRA** is especially suitable as a catalyst or catalyst support material for gas phase applications requiring an ultra-pure activated carbon. It has a high pore volume and hardness, excellent purity, and low-pressure drop. **NORIT RX 3 EXTRA** is an acid washed, steam activated carbon.

**Product Specifications**

Surface area (BET), m <sup>2</sup> /g	1370 min.
Iron (acid extr.), mg/kg	300 max.
Moisture (as packed), mass-%	5 max.

**Typical Properties**

Butane adsorption at p/p <sub>0</sub> = 0.1, g/100 g	28	
Apparent density, vibrating feed, g/mL	0.38	
	lb/ft <sup>3</sup>	24
Ball-pan hardness	99	
Ash, mass %	2	
Chloride (acid extr.), mass-%	0.1	
Copper (acid extr.), mg/kg	10	
Zinc (acid extr.), mg/kg	2	

**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 20 kg bags, 40 bags per pallet for a net pallet weight of 800 kg. Alternate packages include 400 kg or 800 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).

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.