

**DATASHEET**

Product Information
Bulletin No. 202
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NORIT RO 0.8
EXTRUDED ACTIVATED CARBON

NORIT RO 0.8 is an extrudated activated carbon produced by steam activation of peat under carefully controlled conditions. It has been designed specifically for liquid phase processes where a superior hardness and minimum pressure drop are required. **NORIT RO 0.8** is particularly suited for the purification of foods and fine chemicals. **NORIT RO 0.8** meets the Food Chemicals Codex.

Typical Properties

Surface area, m ² /g	900
Iodine adsorption, mg/g	1050
Molasses decolorization number	320
Methylene blue adsorption, g/100g	21
pH, water extract	alkaline
Ash, %	6.0
Moisture, % as packed	2.0
Total pore volume, ml/g	1.0
Bulk Density, -g/ml	.380
-lbs./cu.ft. ³	23.7
Hardness	92
Pellet diameter, mm	0.8
Corresponding mesh size	
U.S. Sieve Series	18x20

Pressure drop and bed expansion data on reverse side.

Packaging and Shipping

NORIT RO 0.8 is available in 44.1 lb. bags, 40 bags per pallet for a net pallet weight of 1764 lbs.

Safety

CAUTION: Avoid inhalation of excessive carbon dusts. No problems are known to be associated in handling this material. However, dust may contain greater than 1.0% 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).