

# NORIT® GAC 830W

Granular Activated Carbon

## WHY NORIT

Since 1918, we have been helping our customers to make pure products, reach environmental compliance, and create catalytic performance. As one of the largest activated carbon manufacturers globally, we provide quality and stability. We offer a very diverse set of NORIT activated carbon products, many of them yielding truly unique performance benefits. Our experienced staff, including dedicated application specialists, can help you find a best fitting solution for your specific situation.



NORIT GAC 830W granular activated carbon is specially manufactured for the purification of gas treater liquids (amine and glycol treaters). NORIT GAC 830W granular activated carbon is particularly suited for removing dissolved hydrocarbons and degradation by-products which contribute to foaming and corrosion problems. NORIT GAC 830W granular activated carbon is produced by steam activation of selected grades of coal.

NORIT GAC 830W granular activated carbon meets the requirements of the latest version of the U.S. Food Chemicals Codex.

### SPECIFICATIONS

Iodine number	min. 950	-
Ball-pan hardness	min. 90	-
Particle size > 6 mesh (3.35 mm)	max. 5	mass-%
Particle size < 12 mesh (1.70 mm)	max. 5	mass-%
Moisture (as packed)	max. 5	mass-%

### GENERAL CHARACTERISTICS

Total surface area (B.E.T.)	1150	m <sup>2</sup> /g
Apparent density	500	kg/m <sup>3</sup>
Density, backwashed and drained	445	kg/m <sup>3</sup>
Ball-pan hardness	95	-
Effective Size D <sub>10</sub>	0.9	mm
Uniformity coefficient	1.7	-
Ash content	12	mass-%
pH	alkaline	-

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## NOTES

1. For important product safety, health, environmental and regulatory information, please refer to the Safety Data Sheet (SDS) which is available upon request.
2. General characteristics reflect representative values of product parameters and are not to be used as purchase specifications.
3. All analyses based on standard test methods and specifications are guaranteed values based on lot-to-lot quality control, as covered by Norit Activated Carbon's ISO 9001 certification.
4. Detailed information on the hydrodynamic properties can be found in Technical Bulletin 79 - Hydrodynamic Properties of Norit Granular Activated Carbon grades.
5. The superior hardness makes this product very suitable for thermal reactivation. Reactivation of exhausted carbon can be carried out in kilns on site or at one of Norit's facilities. The best option depends on the distance between client and nearest Norit facilities and on the amount of carbon to be reactivated per annum.

## PACKAGING

### This product is available in:

- Coated woven plastic bags of 25 kg, 2 x 20 bags per pallet, shrink wrapped (1000 kg net weight per pallet)
- Bulk bags of 2 x 500 kg net weight on a pallet, shrink wrapped
- Bulk tank cars

Product availabilities depend on the type of packaging.



[norit.com](http://norit.com)

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