

NORIT® GAC 830W

Granular Activated Carbon

WHY CABOT

Cabot Norit Activated Carbon is a premier activated carbon manufacturer respected for experienced people, diverse products and strong customer relationships. Cabot's history of innovation, product performance, technical expertise and customer focus ensure that you receive the right products and solutions for your specific purification needs.

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

Norit GAC 830 W meets the requirements of the latest version of the U.S. Food Chemicals Codex.

SPECIFICATIONS

Iodine number	min. 950	-
Particle size > 8 mesh (2.36 mm)	max. 15	mass-%
Particle size < 30 mesh (0.60 mm)	max. 5	mass-%
Moisture (as packed)	max. 5	mass-%



GENERAL CHARACTERISTICS

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

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NOTES

1. All analyses based on Norit Standard Test Methods (NSTM)
2. Specifications are guaranteed values based on lot to lot quality control, as covered by Norit's ISO 9001 certification.
3. General characteristics reflect average values of product quality.
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

NORIT® GAC 830W 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.



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