

ACTIVE CARBON ROW 0,8 SUPRA

ROW 0,8 SUPRA is an extruded activated carbon, which offers superior adsorption properties in a wide range of applications such as purification of (potable) water. Its dedicated pore size distribution makes ROW 0,8 SUPRA highly suitable for the removal of taste and odour, organic micro pollutants such as pesticides, other dissolved organic substances, chlorine and ozone. Its superior hardness makes ROW 0,8 SUPRA particularly suited for thermal reactivation.

SPECIFICATIONS

Iodine number	min. 1000
Ball-pan hardness	min. 90
Particle size < 0.6 mm	max. 0.5 mass-%
Moisture (as packed)	max. 5 mass-%

GENERAL CHARACTERISTICS

Apparent density	390 kg/m ³
Density backwashed and drained	345 kg/m ³
Ball-pan hardness	97
Particle size < 0.6 mm	0.1 mass-%
Iodine number	1050
Methylene blue adsorption	22 g/100g
Total surface area (BTE)	1150 m ² /g
Micropollutant loading:	
* atrazine at 1 µg/l	50 mg/g
*DBS (detergent) at 1 mg/l	145 mg/g
* phenol at 1 mg/l	65 mg/g
Moisture (as packed)	2 mass-%
Ash content	7 mass-%
pH	alkaline
Dechlorination halving value	4 cm

N ROW 0,8 SUPRA meets the requirements of the US Food Chemicals Codex. (4th edition, 1996)

NOTES

1. All analyses based on Standard Test Methods (NSTM).
2. General characteristics reflect average values of product quality. Specifications are guaranteed values based on lot to lot quality control, as covered by ISO 9002 certification.



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HYDRODYNAMIC PROPERTIES

Detailed information on the hydrodynamic properties of ROW 0,8 SUPRA can be found in Technical Bulletin – Hydrodynamic Properties of Granular Activated Carbon grades.

REACTIVATION

The superior hardness of ROW 0,8 SUPRA makes it very suitable for thermal reactivation. Reactivation of exhausted carbon can be carried out in kilns on site manufacture

PACKAGING

ROW 0,8 SUPRA is available in:

- Multiply paper bags of 20 kg, 40 bags per pallet, shrink wrapped (800 kg net weight per pallet)
- Bulk bags of 750 or 375 kg net weight on a pallet, shrink wrapped.
- Bulk tank cars.

Caution: For health and safety related aspect of N ROW 0,8 SUPRA; please refer to the Material Safety Datasheet (MSDS), which is available on request.

Distributed by:

INAQUA Vertriebsgesellschaft mbH
Langmaar 7
D-41238 Mönchengladbach
Tel.: 02166 - 62199 - 0
Fax : 02166 - 62199 - 26
website: www.inaqua.de



Note: Any specification given was valid at the time of Issuance of the publication. However, we maintain a policy of continuous development and reserve the right to amend any specification without notice. All data and suggestions regarding the use of our products are believed to be reliable and given in good faith. However, they are given without guarantee, as the use of our product is beyond our control, and are not to be construed as recommendation or instigation to violate any existing patent.