

AquaSorb® LS

granular silver impregnated coconut shell based activated carbon

Features and Benefits

- Extensive internal structure
- Predominance of micropores
- Optimized density
- Maximum hardness
- Low dust and turbidity
- Excellent adsorption capacity
- High volume activity
- Rapid dechlorination
- Antimicrobial

Typical Applications

- Point of Use (POU) filters
- Residential water treatment
- Point of Entry (POE) filters

Available Particle Sizes

- 20x50 mesh (0.30 - 0.85 mm)
- 18x40 mesh (0.425 - 1.00 mm)
- 12x30 mesh (0.60 - 1.70 mm)
- other granulations available upon request

Certifications and Approvals

- AWWA B604-96
- EN12915
- NSF Std. 61

Standard Packaging

- 25 kg bag (55 lb)
- 500 kg bulk bag (1100 lb)



The polyethylene valve bag from Jacobi sets the standard in the industry for clean, durable and safe handling.

AquaSorb® LS is a high activity granular activated carbon manufactured by steam activation from select coconut shell charcoal. Resulting from its extensive microporosity this grade is particularly suited for the removal of low molecular weight organic compounds and their chlorinated by-products such as chloroform and other trihalomethanes (THMs). The material is impregnated with silver to act as a bacteriostat. A particularly important feature of this material is its superior mechanical hardness that combined with an excellent de-dusting operation ensures an exceptionally clean product, with low initial flush turbidity.



AquaSorb® LS activated carbon for dechlorination and dissolved organics removal.

Specification

CTC activity (base activated carbon)	min. 50%
Moisture content (as packed)	max. 7%
Total ash content	max. 4%
Ball-pan hardness	min. 98%
Silver content (other levels upon request)	0.01/0.05/1.05%

Typical Properties

Surface area (BET) (base activated carbon)	1100 m ² /g
Iodine number (base activated carbon)	1050 mg/g
Chlorine half length value (12x30 mesh)	1.9 cm
Apparent density	530 kg/m ³
pH	10

Jacobi Carbons reserves the right to modify specifications without prior notice. To obtain a full sales specification with test methods, please contact your nearest Jacobi Carbons office.

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Certified to ANSI/NSF Std. 61



Polyethylene valve bags of
25 kg (55 lb) net weight on
500 kg (1100 lb) pallets



Polypropylene liner-free
FIBCs (super sacks) of
500 kg (1100 lb) net weight

CAUTION Activated carbon is a strong oxidizing agent and can remove oxygen from air under wet or humid conditions. Care should be taken when entering confined spaces where wet activated carbon is present. Ensure the use of correct breathing apparatus. Material Safety Data Sheets should be consulted for further details on procedures in the event of contact with activated carbon.

NOTICE Due to the progressive nature of Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notification. The information contained in this datasheet is intended to assist a customer in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for customer's use. Jacobi Carbons assumes no obligation or liability for the usage of the information in this datasheet, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

ISO 9001

BUREAU VERITAS
Certification

