

GoldSorb® 5500

granular coconut shell based activated carbon

Features and Benefits

- Selected raw material
- High activity
- Enhanced pore structure
- Maximum hardness and abrasion resistance
- Rigorously de-dusted
- Low platelet content
- Good adsorption and elution characteristics
- Economical operation
- Low circuit losses, low make-up requirement
- Clean handling during contactor loading

Typical Applications

- Carbon-in-pulp (CIP) circuits
- Carbon-in-leach (CIL) circuits
- Carbon-column (CIC) processes
- Silver recovery from photographic wastes
- Reworking of ore spoil tips

Available Particle Sizes

- 6x12 mesh (1.70 - 3.35 mm)
- 6x16 mesh (1.18 - 3.35 mm)
- 8x16 mesh (1.18 - 2.36 mm)
- 12x30 mesh (0.60 - 1.70 mm)

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.

GoldSorb® 5500 is a high activity granular activated carbon manufactured by steam activation from carefully selected coconut shell charcoal. It is ideally suited for the recovery of precious metals in all forms of contactors providing good adsorption and elution characteristics. GoldSorb® 5500 exhibits a highly developed pore structure to give optimum adsorption while maintaining high product hardness. This results in a high resistance to attrition contributing to lower gold losses in the circuit and consistently rapid loading kinetics in the contacting phase. As a result, make-up requirements are minimized thus reducing the cost of operation.



Specification

CTC activity	min. 55%
Total ash content	max. 4%
Moisture content	max. 5%
Apparent density	480 - 530 kg/m ³
Hardness	min. 99%
Platelets (A.A.R.L.)	max. 7%
Attrition (A.A.R.L.)	max. 1.5%
Mean particle diameter (6x12 mesh)	min. 2.48 mm

Typical Properties

Surface area	1100 m ² /g
K value	28 kg/tonne
R value	60

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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.

