

## GoldSorb® 6000

### 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
- Excellent 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® 6000 is a very 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® 6000 exhibits a highly developed pore structure to give maximum adsorption while maintaining high product hardness. This results in a high resistance to attrition contributing to lower gold losses in the circuit and during regeneration. As a result, make-up requirements are minimized thus reducing the cost of operation.



#### Specification

CTC activity	min. 60%
Total ash content	max. 4%
Moisture content	max. 4%
Apparent density	480 - 510 kg/m <sup>3</sup>
Hardness	min. 98.5%
Platelets (A.A.R.L.)	max. 7%
Attrition (A.A.R.L.)	max. 2%
Mean particle diameter (6x12 mesh)	min. 2.48 mm

#### Typical Properties

Surface area	1150 m <sup>2</sup> /g
K value	32 kg/tonne
R value	65

#### CORPORATE OFFICE

##### Sweden

Jacobi Carbons AB  
Bredbandet 1, Varvsholmen  
SE-392 30 Kalmar

Tel: +46 480 417550  
Fax: +46 480 417559  
info@jacobi.net  
www.jacobi.net



**Jacobi**  
THE CARBON COMPANY

#### SALES OFFICES

##### Germany

Jacobi Carbons GmbH  
Feldbergstrasse 21  
D-60323 Frankfurt/Main

Tel +49 69 719107-0  
Fax +49 69 719107-20  
infode@jacobi.net

##### United States

Jacobi Carbons, Inc.  
1518 Walnut Street, 18th Floor  
Philadelphia, PA 19102

Tel: (215) 546-3900  
Fax: (215) 546-9921  
infous@jacobi.net

##### United Kingdom

Jacobi Carbons Ltd.  
Croft Court, Moss Estate  
Leigh, Lancs, WN7 3PT

Tel: +44 1942 670 600  
Fax +44 1942 670 605  
infouk@jacobi.net

##### Malaysia

Jacobi Carbons (Asia) Sdn Bhd  
1-04-18, Krystal Point Corporate Park  
Jalan Tun Dr. Awang  
11900 Bayan Lepas, Penang

Tel: +60 4 643 9828  
Fax: +60 4 644 3928  
infoasia@jacobi.net

#### SALES OFFICES (cont.)

##### Finland

Jacobi Carbons AB (SS)  
Ruoholahdenkatu 8  
SF-00180 Helsinki

Tel: +358 9 643602  
Fax: +358 9 642900  
infofin@jacobi.net

##### Switzerland

Jacobi Carbons AG  
Rheinweg 5  
CH-8200 Schaffhausen

Tel: +41 52 647 30 00  
Fax: +41 52 647 30 09  
infoch@jacobi.net



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

