



AddSorb® GA1

high activity coconut shell carbon for organic vapor respirators

Features and Benefits

- Extensive internal surface area
- High density
- Superior hardness
- Rigorously dedusted
- Excellent adsorption capacity
- High volume activity, improved service life
- Minimal attrition, no particle degradation
- Clean handling at processing and filling

Typical Applications

- Organic vapor respirators (OV)
- Organic vapor removal

Available Particle Sizes

- 12x30 mesh (0.60 - 1.70 mm)
- 12x20 mesh (0.85 - 1.70 mm)
- 8x18 mesh (1.00 - 2.36 mm)
- 8x16 mesh (1.18 - 2.36 mm)

AddSorb® GA1 is a high activity granular activated carbon manufactured by steam activation from carefully selected coconut shell charcoal. The unique activation process results in a material with higher than average apparent density. This feature makes the product ideally suited for use in respirators for personal protection, with extended service life and low pressure drop as added benefits. 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.



AddSorb® GA1 impregnated activated carbon is an efficient and economical activated carbon designed for the removal of inorganic alkali gases.

Specification

CTC activity	min. 80%
Moisture content (as packed)	max. 5%
Total ash content	max. 5%
Ball-pan hardness	min. 97%

Typical Properties

Surface area	1400 m ² /g
Total pore volume	0.89 cm ³ /g
Apparent density	450 kg/m ³

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.

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.

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

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



Jacobi
THE CARBON COMPANY

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.

