

## EcoSorb® HX-Super

acid washed extruded  
coal based activated carbon

### Features and Benefits

- High activity and density
- Acid washed
- Optimized pore structure
- Exceptional hardness and strength
- Rigorously dedusted
- Maximum solvent loading
- High working capacity and low steam consumption
- Minimal product degradation giving low pressure drop
- Clean handling at adsorber loading and commissioning

### Typical Applications

- Solvent degreasing (trichloroethylene)
- Natural gas purification
- Viscose production
- Rotogravure printing (toluene)
- Wallpaper production (pentane)
- Adhesive tape (hexane)

### Available Pellet Diameters

- 2.0 mm
- 3.0 mm
- 4.0 mm
- Other granulations available upon request

### Standard Packaging

- 20 kg bag (44 lb)
- 454 kg bulk bag (1000 lb)



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

EcoSorb® HX-Super is an acid washed super-active extruded activated carbon manufactured by steam activation from select grades of anthracite coal. This activated carbon is exceptionally hard and resistant to mechanical breakdown due to a unique binding and extrusion process used during manufacturing. EcoSorb® HX-Super has been specifically developed for the recovery of solvents. It exhibits a high adsorption capacity giving prolonged adsorption cycles, which coupled with low steam consumption rates during the regeneration cycle, results in a low total operating cost. EcoSorb® HX-Super is also suitable for VOC adsorption in air treatment processes as well as for purification of industrial and natural gas.



Rotogravure printers and OEMs of solvent recovery systems rely upon EcoSorb® activated carbons for the efficient and economical recovery of solvents.

### Specification

CTC activity	min. 95%
Moisture content (as packed)	max. 2%
Total ash content	max. 6%
Ball-pan hardness	min. 98.5%

### Typical Properties

Surface area (BET)	1350 m <sup>2</sup> /g
Butane activity	37%
Apparent density	390 kg/m <sup>3</sup>
Pellet diameter tolerance	± 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.

#### 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  
20 kg (44 lb) net weight on  
400 kg (880 lb) pallets



Polypropylene liner-free  
FIBCs (super sacks) of  
454 kg (1000 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

