

EcoSorb® HX-Plus

acid washed extruded
coal based activated carbon

Features and Benefits

- High activity
- 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)
- Cellulose fiber production (acetone)
- Rotogravure printing (toluene)
- Wallpaper production (pentane)
- Adhesive tape (hexane)
- Viscose fiber (acetone, CS₂)
- Magnetic media (MEK / cyclohexanone)

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-Plus is an acid washed premium high activity 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-Plus 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-Plus 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. 80%
Moisture content (as packed)	max. 5%
Total ash content	max. 12%
Ball-pan hardness	min. 99%

Typical Properties

Surface area (BET)	1250 m ² /g
Butane activity	32%
Apparent density	400 - 455 kg/m ³
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



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
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

