

EcoSorb® BXB

extruded coal based activated carbon

Features and Benefits

- High activity and density
- 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
- Wallpaper production (pentane)

Available Pellet Diameters

- 0.9 mm
- 1.5 mm
- 2.0 mm
- 3.0 mm
- 4.0 mm
- 5.0 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.

EcoSorb® BXB is a very 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® BXB 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® BXB 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. 60%
Moisture content (as packed)	max. 5%
Total ash content	max. 12%
Ball-pan hardness	min. 98%

Typical Properties

Surface area (BET)	1000 m ² /g
Butane activity	25%
Apparent density	470 - 530 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.

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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.

ISO 9001

BUREAU VERITAS
Certification

