EcoSorb® CX

granular coconut shell based activated carbon for high performance applications

Features and Benefits

- High activity and density
- Optimized pore structure
- Exceptional hardness and strength
- Rigorously dedusted
- Maximum contaminant loading
- Enhanced adsorption capacity
- Minimal product degradation giving low pressure drop
- Clean handing characteristics during use minimising contamination of work areas

Typical Applications

- Cabin air ventilation
- Cigarette filters

Available Particle Sizes

- 20x50 mesh (0.30 - 0.85 mm)
- 20x60 mesh (0.25 - 0.85 mm)
- 20x70 mesh (0.21 - 0.85 mm)
- 30x60 mesh (0.25 - 0.60 mm)
- 30x70 mesh (0.21 - 0.60 mm)

EcoSorb® CX is a premium grade of coconut shell based activated carbon for use in the removal of organic compounds from the gaseous phase. The combination of a highly developed internal surface area and predominance of micropores in this material permit optimum adsorption capacity per volume weight. The manufacture of these products in a microfine granular range allows rapid diffusion of pollutants to the internal carbon surface, resulting in fast adsorption kinetics. The adsorption of a low to medium molecular weight compounds at low concentrations is extremely efficient, including combustion products resulting from smoking of tobacco and waste products from internal combustion engines.

Specification

CTC activity	min. 60%
Moisture content (as packed)	max. 5%
Total ash content	max. 4%
Ball-pan hardness	min. 97%

Typical Properties

Surface area (BET)	1150 m^2/g
Butane activity	25%
Apparent density	470 - 550 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 handing.

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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

DSE-ESCXFM-A:0707

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