

## EcoSorb® MB3

### high performance granular coconut shell based activated carbon

#### Features and Benefits

- High density, high microporosity
- Low moisture content
- Carefully screened particle size
- Dust free material
- High n-butane capacity
- Consistent bag-to-bag bulk density
- Low pressure drop
- Exceptionally clean to handle and to apply

#### Typical Applications

- Cabin air filtration
- Cigarette filter tips

#### Available Particle Sizes

- 20x50 mesh (0.30 - 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® MB3 is a high performance granular activated carbon especially developed for fine mesh applications that are highly sensitive to dust and fines as well as variations in particle size, density and moisture content. The MB3 has been developed for demanding and critical vapor phase applications such as cabin air filtration and cigarette filter tips, both requiring an unusually high degree of lot consistency and product quality. Some of the unique characteristics of the MB3 include a very high density coupled with a large microporosity resulting in an excellent n-butane adsorption capacity.



#### 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.

#### Specification

CTC activity	min. 60%
Moisture content (as packed)	max. 3%
Total ash content	max. 4%
Ball-pan hardness	min. 98%

#### Typical Properties

Apparent density	490 kg/m <sup>3</sup>
Butane activity	24%
Surface area	1200 m <sup>2</sup> /g

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

