



TECHNICAL DATASHEET

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JACOBI
THE CARBON COMPANY



Abnie Paidar Sabz CO.
www.abpsoil.com

AddSorb® VA10 impregnated coal based activated carbon

Features and Benefits

- Chemically impregnated
- Consistent quality
- Exceptional hardness and strength
- Rigorously dedusted
- Product regenerable in-situ
- Maximum sulfur loading capacity
- Minimal product degradation giving low pressure drop
- Clean handling at adsorber loading and commissioning
- Extended service life

Typical Applications

- H₂ PSA units
- Sewage storage tank venting
- Filter press rooms
- Purification of biogas
- Laboratory fume hood filters
- Electronics manufacturing facilities

Available Pellet Diameters

- 2.0 mm diameter

Standard Packaging

- 25 kg bag (55 lb)
- 500 kb bulk bag (1100 lb)



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

AddSorb® VA10 is a high activity extruded activated carbon manufactured by steam activation from select grades of coal. AddSorb® VA10 is chemically impregnated specifically for use in the control of hydrogen sulfide, methyl mercaptans and organic odors in the vapor phase. Chemical impregnation is not performed with Sodium Hydroxide or Potassium Hydroxide which have several drawbacks. The carefully controlled addition of the chemical reagent ensures the efficient removal and retention of the pollutants while retaining an excellent physical adsorption capacity. AddSorb® VA10 is exceptionally hard and resistant to mechanical breakdown resulting from a unique binding and extrusion process used during manufacturing.



AddSorb® VA10 impregnated activated carbon is an efficient and economical activated carbon designed for the removal hydrogen sulfide and methyl mercaptans.

Specification*

H ₂ S capacity	min. 0.10 g/cc
CTC activity (base carbon)	min. 60%
K ₂ CO ₃ Impregnation	10%
Moisture content	max. 15%
Total ash content (base carbon)	max. 15%
Ball-pan hardness	min. 95%

Typical Properties*

CTC activity (base carbon)	63%
Pellet diameter	± 10% diameter

*Specifications and typical properties are produced using Jacobi Carbons' test methods. They are listed for informational purposes only and not to be used as purchase specifications. Sales specifications can be obtained from your Jacobi Carbons Technical Sales Representative and should be reviewed before placing an order.



Polyethylene valve bags,
20 bags per pallet.



Polypropylene liner-free
FIBCs (super sacks),
2 bags per pallet.

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 the 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



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