



AddSorb® VA3

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

- Waste water pumping stations
- Sewage storage tank venting
- Filter press rooms
- Laboratory fume hood filters
- Electronics manufacturing facilities
- Purification of biogas

Available Pellet Diameters

- 1.5 mm diameter
- 2.0 mm diameter
- 3.0 mm diameter
- 4.0 mm diameter
- 5.0 mm diameter

Standard Packaging

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

AddSorb® VA3 is a high activity extruded activated carbon manufactured by steam activation from select grades of coal. AddSorb® VA3 is chemically impregnated specifically for use in the control of hydrogen sulfide, methyl mercaptans and organic odors in the vapor phase. 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® VA3 is exceptionally hard and resistant to mechanical breakdown resulting from a unique binding and extrusion process used during manufacturing. AddSorb® VA3 is suitable for in-situ regeneration by chemical washing techniques.



AddSorb® VA3 impregnated activated carbon is an efficient and economical activated carbon designed for the removal of hydrogen sulfide and methyl mercaptans from air.

Specification

CTC activity (base carbon)	min. 60%
Moisture content	max. 15%
Total ash content (base carbon)	max. 12%
Ball-pan hardness	min. 98%
Hydrogen Sulphide capacity	min. 0.15 g/cc

Typical Properties

CTC activity (base carbon)	63%
Apparent density	530 kg/m ³
Pellet diameter	± 10% diameter



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

carbons.ir

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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

