



TECHNICAL DATASHEET

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JACOBI
THE CARBON COMPANY

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

- 2.0 mm diameter
- 3.0 mm diameter
- 4.0 mm diameter
- 5.0 mm diameter
- 6.0 mm diameter

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.

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

Specification*

Hydrogen Sulphide capacity	min. 0.15 g/cc
Moisture content	max. 15%
Ball-pan hardness (base carbon)	min. 95%

Typical Properties*

CTC activity (base carbon)	63%
Apparent density	630 kg/m ³
Pellet diameter	±10% pellet 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.