AquaSorb® 1500 is a high activity granular activated carbon manufactured by steam activation from select grades of bituminous coal. The perfect balance between adsorption and transport pores provides optimum performance in a wide range of water treatment applications. The product is a high density adsorbent and provides maximum volume activity. The material is water washed during manufacture and therefore wets rapidly. The excellent hardness and mechanical strength ensures negligible losses during backwashing, air scouring and multiple reactivations.

Features and Benefits
- High activity
- Optimum pore size distribution
- Water washed
- Low dust
- High hardness
- Good abrasion resistance
- Proven superior for multiple reactivations
- Excellent adsorption capacity
- Both adsorption and transport pores

Typical Applications
- Treatment of municipal drinking water
- Production of soft drinks and beer
- Treatment of residential water
- Adsorption of taste and odor
- Protection of ion exchange resins

Available Particle Sizes
- 20x50 mesh (0.30 - 0.85 mm)
- 12x40 mesh (0.425 - 1.70 mm)
- 8x30 mesh (0.60 - 2.36 mm)
- 8x16 mesh (1.18 - 2.36 mm)
- 6x12 mesh (1.70 - 3.35 mm)

Certifications and Approvals
- ANSI / NSF standard 61
- AWWA B601-96
- EN12915
- Food and water codex

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

Soft drink manufacturers and breweries rely upon AquaSorb® activated carbon for dechlorination and dissolved organic removal.

<table>
<thead>
<tr>
<th>Specification</th>
<th>min. 950 mg/g</th>
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</thead>
<tbody>
<tr>
<td>Iodine number</td>
<td>max. 5%</td>
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<tr>
<td>Moisture content</td>
<td>max. 15%</td>
</tr>
<tr>
<td>Total ash content</td>
<td>min. 95%</td>
</tr>
<tr>
<td>Wettability</td>
<td>min. 95%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Typical Properties</th>
<th>1000 m²/g</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface area</td>
<td>240 mg/g</td>
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<tr>
<td>Methylene blue number</td>
<td>0.99 cm³/g</td>
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<tr>
<td>Total pore volume</td>
<td>0.2%</td>
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<tr>
<td>Water soluble ash</td>
<td>495 kg/m²</td>
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<tr>
<td>Apparent density</td>
<td>pH</td>
</tr>
<tr>
<td></td>
<td>8-11</td>
</tr>
</tbody>
</table>

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