



# TECHNICAL DATASHEET

## AquaSorb™ 90

### Activated carbon for waste water treatment

AquaSorb™ 90 is a medium activity granular activated carbon, specifically manufactured for the treatment of industrial waste water. The manufacturing process develops a porous structure that is effective in the removal of dissolved organics, solvents and a variety of chemicals that are found in effluent from industrial processes and contaminated groundwater. The particle size distribution of this product is carefully controlled to maintain high removal efficiencies and high permeability in heavily polluted streams.



#### SPECIFICATION\*

Iodine adsorption	min. 900 mg/g
Moisture content, as packed	max. 5%
Apparent density	min. 410 kg/m <sup>3</sup>
Total ash content	max. 16%
Wettability	min. 92%

#### TYPICAL PROPERTIES\*

Iodine adsorption	920 mg/g
Surface area (BET)	950 m <sup>2</sup> /g
Apparent density	550 kg/m <sup>3</sup>
Backwashed and drained density	470 kg/m <sup>3</sup>
Ball pan hardness	96%

\* 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.

#### Features and Benefits

- Medium activity product
- Versatile adsorbent
- High mechanical strength
- Good adsorption capacity

#### Available Particle Sizes

- 8x30 mesh (2.36 - 0.60 mm)
- 12x40 mesh (1.70 - 0.43 mm)

#### Standard Packaging

- 25 kg sack (55 lb)
- 500 kg bulk bag (1100 lb)
- Other packing considered on request



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