

GRANULAR ACTIVATED CARBON

Systematix offers a variety of granulated activated carbons made from high quality bituminous coal and select grade coconut shells. It is manufactured through high temperature steam activation under stringent quality control and acid washed with hydro-chloric acid. It has a large surface area, high mechanical hardness, chemical stability and high pore volume.

Our coal based carbon is used in ultra-pure water for the removal of organic contaminants, odors, tastes, color, and turbidity.

Our coconut shell granular activated carbon is designed for water purification including cartridge manufacturing for potable water, beverage water, kidney dialysis, and hemodialysis.

All of our carbon meets the standards of Food Chemical Codes for Activated Carbon and is NSF 61 certified.

FEATURES AND BENEFITS

- ◆ High adsorption capacity and efficiency
- ◆ Highly developed pore structure
- ◆ Hard and durable
- ◆ Neutral pH

PHYSICAL AND CHEMICAL PROPERTIES

| SPECIFICATIONS | COAL BASE | SHELL BASE | MESH SIZES AVAILABLE |
|-------------------------|-----------|------------|----------------------|
| Iodine Number: | 950 min. | 1100 min. | |
| Abrasion Number (ASTM): | 90 min. | 85 min. | 8 x 30 |
| Ash Content: | 5% max. | 0.5% max. | |
| Moisture as Packed: | 3% max. | 3% max. | 12 x 40 |
| pH Range: | 6 - 8 | 6 - 7 | |
| Bulk Density (g/ml): | 0.47-0.50 | 0.48-0.50 | 20 x 50 |

ORDER INFORMATION

Carbon packaging and mesh sizing vary so please call for the latest information and product availability, including part numbers. Other sizes are also available.