

## **SPECIFICATION GMS-70**

This grade of activated carbon is produced from select coconut shell charcoal. It is manufactured in an indirect fired rotary kiln under rigidly controlled conditions. **GMS-70** is custom manufactured to meet the needs of the organic respirator industry.

Activity - CCL <sub>4</sub> (ASTM D 3467)	85% minimum
Apparent Density (ASTM D 3854)	0.40 gm/cc +/- 0.02 gm/cc
Hardness Number (ASTM D 3802)	93 minimum
Specific Surface Area (N <sub>2</sub> BET method)	1400
Ash Content (ASTM D 2866)	5% maximum
Moisture as packed (ASTM D 2867)	5% maximum
PH of Water Extract (ASTM D 3836)	10.5 - 11.5
Mesh Size (U.S. Screen) (ASTM D 2862)	12 X 20
Oversize	5% maximum
Undersize	5% maximum
Packaging	55 gallon fiber drums (170 pounds net weight) 900 pound bulk sacks