

# AGSORB®



## 16/30 LVM <sup>gray</sup> MS

### TYPICAL PRODUCT DATA

Size Guide Number.....	<b>85</b>
Uniformity Index.....	<b>50</b>
Liquid Holding Capacity (% BY WEIGHT).....	<b>33</b>
Bulk Density (LBS/FT <sup>3</sup> ).....	<b>36</b>
pH.....	<b>5</b>
Moisture Content (% BY WEIGHT).....	<b>&lt;3</b>
Particle Count (MM/LB).....	<b>1.6</b>
Attrition (% RESISTANCE).....	<b>85-90</b>

### TESTING METHOD

PS 006.01.01 (GSA)
PS 006.01.01 (GSA)
E1521-93 (ASTM)
E727-91 (ASTM)
D2216-80 (ODC)
E1520-93 (ASTM)
P-A 1056 B (GSA)

### PRODUCT DESCRIPTION

This intermediate granule size is frequently referred to as "greens grade" because of its ideal size for golf green applications. It is often used in fertilizer blends as a pesticide carrier or drying agent. Also it is widely used as a horticultural and crop carrier. With conventional spreading equipment, this particle size is the smallest size that retains a good spread pattern.

### MINERAL DESCRIPTION

AGSORB® from Ripley, Mississippi is a Montmorillonite mineral in the non-swelling bentonite class. Its low bulk density and high absorptivity allows higher liquid holding capacity. Our mineral processing maximizes the granule's micropore space. AGSORB® heat treatments impart a hard, inert granule with a high resistance to attrition.



**RIPLEY,  
MISSISSIPPI**

### TYPICAL CHEMICAL ANALYSIS

Component	Weight % VOLATILE FREE BASIS
SiO <sub>2</sub> .....	76.72
Al <sub>2</sub> O <sub>3</sub> .....	11.28
CaO.....	0.63
MgO.....	2.04
Na <sub>2</sub> O.....	0.10
K <sub>2</sub> O.....	1.26
Fe <sub>2</sub> O <sub>3</sub> .....	6.51
MnO.....	0.01
P <sub>2</sub> O <sub>5</sub> .....	0.11
TiO <sub>2</sub> .....	0.52
FeO.....	0.82
Loss on Ignition.....	2.20