

## ASP 9600-M ANTISTATIC POLYETHYLENE FOAM

| <b>ASP 9600-M ANTISTATIC POLYETHYLENE FOAM<br/>TYPICAL PROPERTIES</b> |             |                                         |                               |
|-----------------------------------------------------------------------|-------------|-----------------------------------------|-------------------------------|
|                                                                       | Value       | Unit                                    | Test Method                   |
| <b>ELECTRICAL PROPERTIES</b>                                          |             |                                         |                               |
| Static Decay Test<br><i>(From 5000V to 1% at 73°F, 12% RH)</i>        | less than 2 | seconds                                 | Method 4046*                  |
| Surface Resistivity                                                   | $10^{10}$   | ohm/sq.                                 | ASTM D 257                    |
| <b>PHYSICAL PROPERTIES</b>                                            |             |                                         |                               |
| Compressive Deflection at<br>(Vertical Direction)                     |             |                                         |                               |
| 10%                                                                   | 1.5         | psi                                     | ASTM D 3575<br>TEST B         |
| 25%                                                                   | 4.4         | psi                                     |                               |
| 50%                                                                   | 14.5        | psi                                     |                               |
| Tensile Strength<br>(Machine Direction)                               | 72.2        | psi                                     | ASTM 3575<br>TEST E           |
| Elongation at Break                                                   | 100         | %                                       | ASTM 3575<br>TEST E           |
| Tear Resistance (Machine Direction)                                   | 18.7        | lb/in                                   | ASTM 3575<br>TEST D           |
| Density Range                                                         | 1.7-2.2     | pcf                                     | ASTM D3575 TEST C<br>METHOD B |
| Thermal Conductivity                                                  | 0.45        | (BTU-in/hr.ft <sup>2</sup> )<br>at 75°F | ASTM D3575 TEST E<br>METHOD B |

\* Federal Test Method Standard 101B, per Mil-B-81705C