



**PORON® 4701-30 Very Low Modulus Grade (Very Soft) (replaces 4701-59)**  
**Preliminary Product Properties - Continued**

| PROPERTY   | TEST METHOD         | VALUE                                 |             |             |
|--|---------------------|---------------------------------------|-------------|-------------|
| Density, lb./ft <sup>3</sup><br>(kg/m <sup>3</sup> ) | ASTM D3574 - Test A | 15<br>(240)                           | 20<br>(320) | 30<br>(480) |
| Tensile Elongation, % min.                           | ASTM D3574 - Test E | 100                                   |             |             |
| Tensile Strength, psi, min.<br>(kPa)                 | ASTM D3574 - Test E | 20<br>(138)                           | 30<br>(207) | 35<br>(242) |
| Coefficient of Thermal Expansion                     |                     | 2.3 - 3.1 X 10 <sup>-4</sup> in/in/°C |             |             |
| UV Resistance  | AMS G53             | Good                                  |             |             |
| Water Absorption, % wt gain, max.                    | AMS 3568            | 2                                     |             |             |
| Immersion Testing, % wt gain, max.                   | ASTM D570           | 11.6                                  | 8.6         | 13.5        |

The above data represents preliminary values. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The relative merits of materials for a specific application should be determined by your evaluation.

**Notes:**

1. All metric conversions are approximate.