

# Georgia Gulf

## Data Sheet

### 7048A

Georgia Gulf 7048A is a general purpose rigid PVC profile extrusion compound designed for applications requiring the following properties:

- Impact Strength & Toughness
- Flame Retardant
- Colorability
- Certification by NSF Standards 51 & 61
- Dimensional Stability
- Chemical Resistance
- UV Color Stability

| General Properties                         | Test Method | Typical Value              |
|--------------------------------------------|-------------|----------------------------|
| Cell Classification                        | ASTM D-4216 | 14423433                   |
| Specific Gravity                           | ASTM D-792  | 1.38                       |
| Flammability                               | UL-94       | V-0 at 0.030 in lab tested |
| Mechanical Properties                      | Test Method | Typical Value              |
| Tensile Strength, psi                      | ASTM D-638  | 6,200                      |
| Tensile Modulus, psi                       | ASTM D-638  | 415,000                    |
| Tensile Impact, ft-lbs/in <sup>2</sup>     | ASTM D-1822 | 72                         |
| Flexural Strength, psi                     | ASTM D-790  | 11,200                     |
| Flexural Modulus, psi                      | ASTM D-790  | 380,000                    |
| Notched Izod Impact, ft-lbs/in             | ASTM D-256  | 18                         |
| Shore D Hardness                           | ASTM D-2240 | 80                         |
| Rockwell R Hardness                        | ASTM D-785  | 112                        |
| Thermal Properties                         | Test Method | Typical Value              |
| Heat Deflection Temperature at 264 psi, °F | ASTM D-648  | 162                        |
| Coefficient of Thermal Expansion in/in °F  | ASTM D-696  | 3.7 x 10 <sup>-5</sup>     |

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IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. These values and sets of properties are based upon laboratory work with small scale equipment and does not necessarily indicate end product performance. Full scale testing and end product use and performance are the responsibility of the Buyer. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, any patents.  
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