

# Georgia Gulf

## Data Sheet

### 3217

**Georgia Gulf 3217** is a powder blend designed for the extrusion of window, door, fence and marine profiles where weatherability is of primary consideration.

| General Properties                                           | Test Method | Typical Value |
|--------------------------------------------------------------|-------------|---------------|
| Specific Gravity                                             | ASTM D-792  | 1.47          |
| Mechanical Properties                                        | Test Method | Typical Value |
| Tensile Yield Strength, psi                                  | ASTM D-638  | 6,300         |
| Tensile Modulus, psi                                         | ASTM D-638  | 395,000       |
| Tensile Impact, ft-lbs/in <sup>2</sup>                       | ASTM D-1822 | 65            |
| Flexural Strength, psi                                       | ASTM D-790  | 13,000        |
| Flexural Modulus, psi                                        | ASTM D-790  | 430,000       |
| <sup>1</sup> / <sub>8</sub> " Notched Izod, ft-lbs/in (23°C) | ASTM D-256  | 1.5           |
| Hardness, Shore D                                            | ASTM D-2240 | 81            |
| Hardness, Rockwell R                                         | ASTM D-785  | 88            |
| Thermal Properties                                           | Test Method | Typical Value |
| Heat Deflection Temperature at 264 psi, °F                   | ASTM D-648  | 152           |
| Recommended Melt Temperature, °F                             |             | 380           |

1D

**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 do 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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