

# Georgia Gulf

## Data Sheet

### Georgia Gulf ProTherm® 4510 CPVC

#### PRELIMINARY DATA SHEET

**Georgia Gulf 4510 CPVC** is a palletized injection molding compound designed for fittings. Typical applications are in potable water and chemical transfer systems especially where high chemical resistance is required and/or elevated temperatures exist. 4510 has excellent processability, including thermal stability, flow and surface appearance. ProTherm® 4510 listing is pending under NSF Standard 14 and Standard 61.

| General Properties                                    | Test Method | Typical Value |
|-------------------------------------------------------|-------------|---------------|
| Specific Gravity                                      | ASTM D-792  | 1.49          |
| Mechanical Properties                                 | Test Method | Typical Value |
| Mold Shrinkage 10 <sup>-3</sup> in/in                 | ASTM D-955  | 5-7           |
| Hardness, Rockwell R                                  | ASTM D-785  | 117           |
| Tensile Strength, psi                                 | ASTM D-638  | 8,100         |
| Tensile Modulus, psi                                  | ASTM D-638  | 370,000       |
| Izod Impact, ¼ inch ft-lbs/in notch                   | ASTM D-256  | 1.7           |
| Thermal Properties                                    | Test Method | Typical Value |
| Heat Deflection Temperature at 264 psi, °C (annealed) | ASTM D-648  | 101           |

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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.

<sup>1</sup> "value" may not be construed as product specifications.