

Georgia Gulf

Data Sheet

6511

Georgia Gulf 6511 is a special purpose rigid PVC compound designed for applications requiring the following properties:

- Gloss
- Impact Strength & Toughness
- Flame Retardant
- Chemical Resistant
- Thermoformability
- Extrudability in Profile and Sheet
- Moldability in Fence Caps

General Properties	Test Method	Typical Value
Cell Classification	ASTM D-4216	14434323
Specific Gravity	ASTM D-792	1.41
Mechanical Properties	Test Method	Typical Value
Tensile Strength, psi	ASTM D-638	7,000
Tensile Modulus, psi	ASTM D-638	400,000
Flexural Strength, psi	ASTM D-790	11,000
Flexural Modulus, psi	ASTM D-790	375,000
Notched Izod impact, ft-lbs/in	ASTM D-256	14
Shore D Hardness	ASTM D-2240	82
Thermal Properties	Test Method	Typical Value
Heat Deflection Temperature at 264 psi, °F (Annealed)	ASTM D-648	159
Flow Ratio (Distance/Wall Thickness, 390-400 °F)	Internal	160
Coefficient of Thermal Expansion in/in °F x 10 ⁻⁵	ASTM D-696	4.0

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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. Typical Value; may not be construed as product specifications.