

Georgia Gulf

SP-7008

Georgia Gulf SP-7008 is a rigid vinyl compound formulated for electrical fittings and molded parts requiring high impact strength and toughness.

General Properties	Test Method	Value ¹
Specific Gravity	ASTM D-792	1.33
Hardness, Rockwell R	ASTM D-785	105
Mold Shrinkage, 10 ⁻³ in/in	ASTM D-955	3-5
Flow Ratio (Distance/Wall Thickness, 390-400°F)	Georgia Gulf Test	130
Mechanical Properties	Test Method	Value ¹
Tensile Strength, psi	ASTM D-638	6,000
Tensile Modulus, psi	ASTM D-638	360,000
Flexural Strength, psi	ASTM D-790	10,000
Flexural Modulus, psi	ASTM D-790	340,000
Gardner Impact, 23°C, ½" R Tup	in-lbs in-lbs/mil	320 2.6
Notched Izod Impact, ft-lbs/in	ASTM D-256 at 23°C at -20°C	15.0 3.0
Thermal Properties	Test Method	Value ¹
Heat Deflection Temperature, °C	ASTM D-648 at 264 psi at 66 psi	65 70
Regulatory/Code	Test Method	Value ¹
Oxygen Index, %	ASTM D-2863	36
Flame Class	UL-94	V-O

Reference: UL File #E53006. Note: All physical properties are based on injection molded test bars.

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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.

¹Value; not be construed as product specifications.