

Technical Data Sheet 6325 GRAY 312

AXIAL's Georgia Gulf 6325 is a molding compound designed for the molding of electrical fittings where stiffness value is of primary consideration.

General Properties	Test Method	Typical Value
Cell Classification	ASTM D-1784	12363
Specific Gravity	ASTM D-792	1.44
Mechanical Properties	Test Method	Typical Value
Tensile Yield Strength, psi	ASTM D-638	6,400
Tensile Modulus, psi	ASTM D-638	520,000
Flexural Strength, psi	ASTM D-790	11,500
Flexural Modulus, psi	ASTM D-790	510,000
1/8" Notched Izod Impact Strength, ft-lbs/in	ASTM D-256	1.1
Thermal Properties	Test Method	Typical Value
Heat Deflection Temperature, @ 264 psi, °C (°F)	ASTM D-648	69 (156.2)
Heat Deflection Temperature @ 66 psi, °C (°F)	ASTM D-648	72 (161.6)
Recommended Melt Temperature, °F	---	395 to 405 F

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, EXPRESS 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, and patents. Reported data are typical values and are not to be construed as product specifications.

