

Georgia Gulf

Data Sheet

3245

Georgia Gulf 3245 is a special purpose rigid powder blend PVC compound designed for applications requiring the following properties:

- Weatherability
- Gloss
- Impact Strength & Toughness
- Flame Retardant
- Chemical Resistance
- Thermoformability
- Extrudability in Profile
- Moldability in Fittings

General Properties	Test Method	Typical Value
Cell Classification	ASTM D-1784	15344
Specific Gravity	ASTM D-792	± 0.02
Flammability	ASTM D-635	SE
Classification	UL-94 (PENDING)	V-O at 0.030 inch
Mechanical Properties	Test Method	Typical Value
Tensile Impact, ft-lbs/in ²	ASTM D-1822	60
Tensile Yield Strength, psi	ASTM D-638	6,400
Tensile Modulus, psi	ASTM D-638	375,000
Flexural Strength, psi	ASTM D-790	11,900
Flexural Modulus, psi	ASTM D-790	390,000
Notched Izod Impact Strength, ft-lbs/in	ASTM D-256	14
Hardness, Shore D	ASTM D-2240	82
Hardness, Rockwell R	ASTM D-785	112
Thermal Properties	Test Method	Typical Value
Heat Deflection Temperature at 264 psi, °F	ASTM D-648	162
Coefficient of Thermal Expansion, in/in °F	ASTM D-696	4.0 x 10 ⁻⁵

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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 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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