

Georgia Gulf

Data Sheet

9211

Georgia Gulf 9211 is a food grade vinyl compound designed to maximize clarity. It is suitable for use in a variety of food, cosmetic and personal care products.

General Properties	Test Method	Typical Value
Specific Gravity	ASTM D-792	1.32
Mechanical Properties	Test Method	Typical Value
Tensile Yield Strength, psi	ASTM D-638	6,800
Tensile Modulus, psi	ASTM D-638	385,000
Tensile Impact, ft-lbs/in ²	ASTM D-1822	80
Flexural Strength, psi	ASTM D-790	11,000
1/8" Notched Izod at 23°C, ft-lbs/in	ASTM D-256	15.0
1/4" Notched Izod at 23°C, ft-lbs/in	ASTM D-256	2.5
Thermal Properties	Test Method	Typical Value
Heat Deflection Temperature, Annealed @264 psi, °C	ASTM D-648	60
Optical Properties	Test Method	Typical Value
Transmittance, 1/8" pressed plaque, %	ASTM D-1003-61	84
Haze, 1/8" pressed plaque, %	ASTM D-1003-61	4
Brabender Data	Test Method	Typical Value
Equilibrium Torque, meter-grams	Brabender Plastograph No. 6 Roller Head, 190°C Bath 57-g. Charge; 60/43 rpm	1,400
Stability Time, minutes		36

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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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