

Georgia Gulf

Data Sheet

3014

Georgia Gulf 3014 is a base for use of wood flour up to 40 percent.

- Impact Strength and Toughness
- Flame Retardant
- Chemical Resistance
- Dimensional Stability

General Properties	Test Method	Typical Value
Cell Classification	ASTM D-1784 ASTM D-4216	12444 1200433
Specific Gravity	ASTM D-792	1.38
Mechanical Properties	Test Method	Typical Value
Tensile Yield Strength, psi	ASTM D-638	7,000
Tensile Modulus, psi	ASTM D-638	380,000
Flexural Strength, psi	ASTM D-790	12,000
Flexural Modulus, psi	ASTM D-790	450,000
$\frac{1}{8}$ " Notched Izod, ft-lbs/in (23°C)	ASTM D-256	1.2
Hardness, Shore D	ASTM D-2240	78
Thermal Properties	Test Method	Typical Value
Heat Deflection Temperature at 264 psi, °F	ASTM D-648	150
Coefficient of Thermal Expansion, in/in °C	ASTM D-696	6.8×10^{-5}

Extruding Wood Fiber/PVC Blend

- Zones: 325°F - 335°F
- Melt temperature: 365°F – 380°F
- Dies: 335°F - 360°F
- Breaker Plate: Ring
- Melt Pressure: ~2,000 psi

Up to 40% Wood Flour Size 40 – 80 Mesh
Dry to <8% moisture in flour.

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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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