

G200

Product Definition

Minicel G200 are closed-cell chemically crosslinked polyolefin copolymer foam that has been specially formulated for added flexibility and resilience. This results in a smooth surface with an extremely fine cell structure. Minicel G200 standard color is natural (white).

Product Characteristics

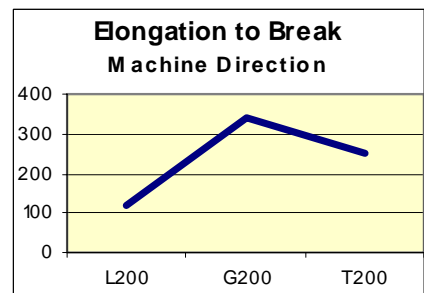
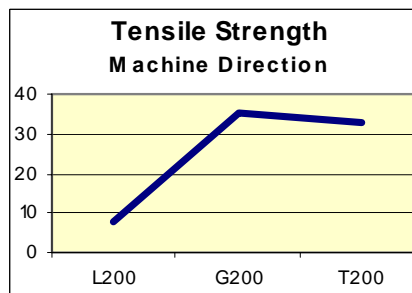
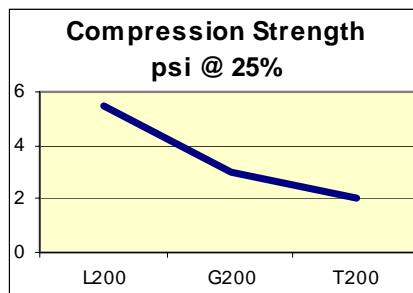
- Flexibility
- Superior resiliency
- Toughness
- Low water absorption
- Impervious to mildew, mold, rot, and bacteria
- Excellent chemical resistance

Minicel G200 is well suited for flotation applications from life jackets to oil spill containment booms. G200 is especially suited to molded athletic body padding and sports shoe insoles. Their added flexibility and insulating qualities make them desirable for camping mats as well. In the industrial sector, G200 can be applied to expansion/contraction joint systems and gasketing applications.

Product Form

- Minicel G200 is produced in molded bun form.
- Standard slab sizes after trimming are:
3" X 48" X 48"
4" X 48" X 48"

Minicel G200 can be skived, laminated, embossed, thermoformed, die cut, sewn, printed, vinyl dipped, and pressure sensitive adhesive coated.



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G200 Natural

Typical Properties

Density, pcf			1.5 - 2.5
Tensile Strength, psi ASTM D-3575	M		30 - 40
Elongation, % to break ASTM D-3575	M		300 - 380
Tear Resistance, lb./inch ASTM D-3575	M		5.5 - 7.0
Compression Deflection, psi ASTM D-3575	@ 25%		2 - 3
	@ 50%		5 - 6
	@ 75%		14 - 18
Compression Set % of original thickness ASTM D-3575			25 - 35
Thermal Stability, % 3 hours @ 180°F	<u>X</u>	<u>Y</u>	<u>Z</u>
	-9.3	-8.7	-11.6
3 hours @ 215°F	-30.0	-25.1	-41.4

- Indicates Shrinkage
+ Indicates Expansion

Note: This material is experimental and its physical properties may be subject to change.

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