

L600, L800 & L1000

Product Definition

Minicel L600, L800 & L1000 are closed-cell chemically crosslinked polyethylene foams. This results in a smooth surface with an extremely fine-cell structure. These foams have a tough and firm, yet elastic feel. Minicel L600, L800 & L1000 can be produced in a variety of colors such as blue, green, yellow, red, and charcoal. Standard color is natural (white).

Product Characteristics

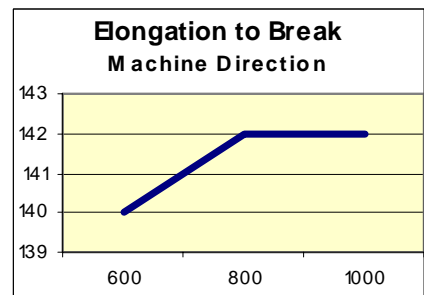
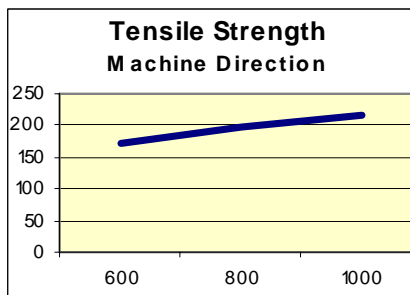
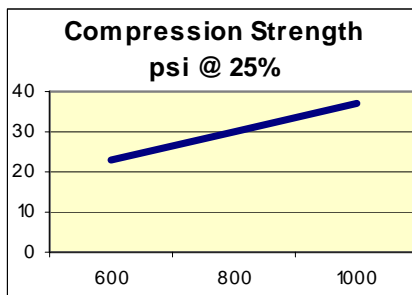
- Resiliency
- Excellent buoyancy
- Good thermal insulator
- Excellent strength and shock absorption
- Low water absorption
- Impervious to mildew, mold, rot, and bacteria
- Excellent chemical resistance

Product Form

- Minicel L600, L800 & L1000 are produced in molded bun form.
- Standard slab sizes after trimming are:
 - 6.0 pcf: 1.375" X 41" X 41"
 - 8.0 pcf: 1.375" X 41" X 41"
3" X 48" X 48"
 - 10.0 pcf: 1.375" X 40" X 40"
2.5" X 48" X 48"

Minicel L600, L800 & L1000 are especially suited to industrial gasketing applications, flotation equipment, construction expansion joints, and cushion packaging.

Minicel L600, L800 & L1000 can be skived, laminated, embossed, thermoformed, die-cut, sewn, printed, vinyl-dipped, and pressure sensitive adhesive coated.



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Minicel L600, L800, & L1000

Typical Properties

<u>Property</u>	<u>Unit</u>		<u>L600</u>	<u>L800</u>	<u>L1000</u>
Density Range, pcf (ASTM D3575)	pcf		5.4 - 6.6	7.2 - 8.8	9.0 - 11
Compression Strength (ASTM D3575)	psi @ 25%		23	30	37
Tensile Strength (ASTM D3575)	psi		173	196	217
Elongation to Break (ASTM D3575)	%		140	142	142
Tear Resistance (ASTM D3575)	lbs./inch		27	35	42
Compression Set (ASTM D3575)	% of Original Thickness		9	8	8
Thermal Stability 3 hrs. @ 180 degree F	%	X	-0.9	-1.5	-0.4
		Y	-0.9	-1.4	-0.5
		Z	+2.1	+2.3	+1.8
Temperature Range degree F			"	-110 - +180	"

-: Indicates Shrinkage

+: Indicates Expansion

This information on Minicel chemically crosslinked polyethylene foam is presented to our best knowledge. All test data are average values unless stated and should be considered as guidelines to the performance of this product and should not be used as specifications.