

Technical Data

Minicel[®] Type L

PRODUCT DEFINITION

Minicel type L is a closed-cell chemically crosslinked polyethylene bun foam. This results in a smooth surface with an extremely fine-cell structure. These bun foams have a tough and firm, yet elastic feel.



GOOD THERMAL INSULATOR



MOLDED BUN FORM



CUSTOM COLORS AVAILABLE

PRODUCT CHARACTERISTICS

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

PRODUCT FORM

- Produced in molded bun form
- Density range: 2, 3, 3.8, 6, 8, 12 & 22pcf
- Bun Sizes:
- 2, 3, 3.8 pcf: 4" X 48" X 72"
 - 6 pcf: 3" X 48" X 72"
 - 8 pcf: 1.78" X 32" X 67"
 - 12pcf: 1.50" X 28" X 59"
 - 22 pcf: 1.2" X 24" X 49"

PRODUCT COLORS

- Standard colors are natural-white and black
- Custom colors are available upon request

APPLICATIONS



Transportation Industry



General Industrial



Recreation & Leisure



Packaging Dunnage



Aviation & Aerospace

Michigan Location

Sekisui Voltek, LLC
17 Allen Avenue
Coldwater, MI 49036

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Chemically Cross-linked Bun Formed Foam

Minicel[®] L

TYPICAL PROPERTIES OF MINICEL L		
	2 pcf	4 pcf
Compression Strength / (ASTM D3575)		
(lb / sq-in) @ 25% compression	7	24
(lb / sq-in) @ 50% compression	15	N/A
Tensile Strength / (ASTM D3575)		
(lb / sq-in) Machine Direction	57	152
Tensile Elongation / (ASTM D3575)		
(%) Machine Direction	192	163
Tear Resistance / (ASTM D3575)		
(lb / in) Machine Direction	8	29
Compression Set / (ASTM D3575)		
% Original Thickness	12	9
Thermal Stability		
24 Hour Test @ 176° F (70° C)		
AVE MD%	-2.3	-0.6

June, 2012

NOTE:

This data represented on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific productsales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.

