Technical Data

Minicel® Type M

PRODUCT DEFINITION

Minicel type M is a closed-cell chemically crosslinked polyethylene foam that has been specially formulated for increased thermal resistance and excellent shock absorption. This results in a smooth surface with an extremely fine cell structure.

IMPACT
GREAT SHOCK ABSORPTION

MOLDED BUN
FORM

CUSTOM
COLORS AVAILABLE

PRODUCT CHARACTERISTICS

- Resiliency
- Good shock absorber and thermal insulator
- Low water absorption
- Increased temperature stability compared to L200
- 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”S

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

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PHYSICALLY CROSSLINKED
SEKISUI TECHNOLOGY

Chemically Cross-linked Bun Formed Foam

Minicel® M

TYPICAL PROPERTIES OF **MINCIEL M**		
	2 pcf	4 pcf
Compression Strength / (ASTM D3575)		
(lb / sq-in) @ 25% compression	9	22
(lb / sq-in) @ 50% compression	22	N/A
Tensile Strength / (ASTM D3575)		
(lb / sq-in) Machine Direction	69	128
Tensile Elongation / (ASTM D3575)		
(%) Machine Direction	176	190
Tear Resistance / (ASTM D3575)		
(lb / in) Machine Direction	11	23
Compression Set / (ASTM D3575)		
% Original Thickness	16	11
Thermal Stability		
24 Hour Test @ 176° F (70° C)		
AVE MD%	-1.5	-1.0

September, 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.

SEKISUI Voltek PHYSICALLY CROSSLINKED SEKISUI TECHNOLOGY