**SECON** rubber and plastics, inc.

AUTHORIZED AC CONVERTER

☎: 618-282-7700
✉: sales@seconrubber.com
✈: www.seconrubber.com

## PRODUCT DEFINITION

Volara type LM is a closed-cell polypropylene that is crosslinked by means of a unique electron irradiation process. This results in a continuous smooth surface foam material with a fine cell structure, excellent mechanical properties, and improved chemical resistance.

Volara type LM also exhibits good hardness and improved thermal stability properties. Standard colors are natural, black and charcoal.

HEAT STABILITY UP TO
**270°F**

ROLL FORM UP TO
**900ft.**

C **CUSTOM** COLORS AVAILABLE

### PRODUCT CHARACTERISTICS

- Superior heat stability - up to 270°F
- Good mechanical properties at low densities
- Excellent chemical resistance

### PRODUCT FORM

Produced in roll form up to 900 lineal feet

- Density: 2pcf to 6pcf
- Thickness range: 0.063" to 0.420"
- Width range to 80"

### PRODUCT COLORS

Standard colors are natural-white and black

- Custom colors are available on request

## APPLICATIONS

Transportation Industry

General Industrial

Industrial Tape

Recreation & Leisure

Packaging Dunnage

Aviation & Aerospace

Medical Tape & Healthcare

### Michigan Location

Sekisui Voltek, LLC
17 Allen Avenue
Coldwater, MI 49036

SEKISUI  Voltek  **PHYSICALLY** CROSSLINKED
SEKISUI TECHNOLOGY

Fine-celled, Irradiation cross-linked, Polyolefin Foam

# Volara® LM

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| TYPICAL PROPERTIES OF **VOLARA LM** | | |
|---|---|---|
| | 2pcf | 3pcf |
| Compression Strength / (ASTM D3575) | | |
| (lb / sq-in) @ 25% compression | 7 | 10 |
| (lb / sq-in) @ 50% compression | 16 | 20 |
| Tensile Strength / (ASTM D3575) | | |
| (lb / sq-in) Machine Direction | 87 | 130 |
| (lb / sq-in) Cross-Machine Direction | 62 | 92 |
| Tensile Elongation / (ASTM D3575) | | |
| (%) Machine Direction | 219 | 229 |
| (%) Cross-Machine Direction | 158 | 167 |
| Tear Resistance / (ASTM D3575) | | |
| (lb / in) Machine Direction | 14 | 22 |
| (lb / in) Cross-Machine Direction | 21 | 32 |
| Compression Set / (ASTM D3575) | | |
| % Original Thickness | 31 | 30 |
| Thermal Stability | | |
| AVE MD% | -1.6 | -2.2 |
| AVE CD% Change | -1.8 | -2.0 |

February, 2016

**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