

**DESCRIPTION** A closed cell, linear, flexible polyethylene foam.

**TYPICAL APPLICATIONS** Variety of protective packaging applications. This foam is resilient, lightweight, moisture and chemical resistant, usable over wide temperature ranges and easy to fabricate.

| <u>PHYSICAL PROPERTIES</u>   | <u>TYPICAL VALUES</u>     | <u>TEST METHODS</u> |
|--|---------------------------|---------------------|
| Density  | 2.0 +/- 2.5 pcf           | ASTM D3576 Test C   |
| Cell Size  | 1.7mm                     |                     |
| Tensile Strength   | 48 psi                    | ASTM D3575 Test E   |
| Tear Strength  | 15 lb/in                  | ASTM D3575 Test D   |
| Ultimate Elongation  | 49%                       | ASTM D3575 Test E   |
| Durometer Shore 00   | 70                        |                     |
| Compressive Strength<br>at 10%   | 7 psi                     | ASTM D3575 Test B   |
| at 25%   | 6 - 13 psi                | ASTM D3575 Test B   |
| at 50%   | 17 psi                    | ASTM D3575 Test B   |
| Linear Shrinkage   | 0.3% max                  |                     |
| Water Absorption   | 0.05 lb/sf of cut surface |                     |
| Operating Temperature  | -40° F to 160° F          |                     |
| Thermal Conductivity<br>(BTU in/hr/ft <sup>2</sup> /° F)<br>at 75° F Mean Temperature Method B | .43                       | ASTM D3575 Test EE  |
| Buoyancy   | 59 pcf                    | ASTM D3575 Test AA  |

The data and information above represents typical values that are generally accepted throughout the industry and appear in manufacturer's literature. Actual physical properties may vary by manufacturing lot. These values do not constitute a guarantee of performance, actual or implied. The suitability of this product may be application specific and should be determined prior to being specified.

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