armacell engineered foams

SEAL & DESIGN INC. | SEAL & DESIGN HIGBEE | SEAL & DESIGN ABLE

Ensolite®

**DATA SHEET** (effective 09/27/09)

# **EF0** Continuous Rolls/Sheets

## Physical Properties

| | | | | |
|---|---|---|---|---|
| Polymer | | | | EPDM |
| Color | | | | Black |
| Classifications | | | | |
| ASTM D 1056-68 | | | | SCO10 |
| ASTM D 1056-07 | | | | 1A0 |
| Suffix Requirements | | | | B2,C1,C2,C3,F1,F2,M |
| 1. 25% Compression Resistance | psi<br>kPa | ASTM D 1056 | | 1.0 max.<br>6.9 max |
| 2. 50% Compression Set (%) | | ASTM D 1056 | | 25 max. |
| 3. Density (%) | lb./ft3<br>kg/m3 | ASTM D 1056 | | 4.0 – 8.0<br>64 - 128 |
| 4. Tensile | psi<br>kPa | ASTM D 412 | | 15 min.<br>105 min. |
| 5. Elongation (%) | | ASTM D 412 | | 175 min. |
| 6. Flammability (1) | | | | |
| FMVSS302 | | 0 Burn Rate | | Pass @ 0.125” thickness |
| UL 94 | | HF-1 @ 3.4 mm | | Pass |
| | | V0 @ 3.2 mm | | Pass |
| | | 5VA @ 3.4 mm | | Pass |
| | | 5VB @ 4.5 mm | | Pass |
| 7. Temperature Use (2) | | ASTM D 1056 | Cold Crack | -70˚F (-56˚C) |
| | | | High (3) | 250˚F (121˚C) |
| Standard Roll Widths (in) | | | | 54" |
| Maximum Gauge (in) | | | | 1.0" |

(1) Flammability – This item and any corresponding data refer to typical performance in the specific test indicated and should not be construed to imply this material’s behavior in other fire conditions.
(2) This recommendation in based on polymer type only. For specific application requirements please contact technical service
(3) This temperature is the maximum allowable for intermittent exposure only. For continuous use temperature please contact technical service department.

EPDM = (ethylene-propylene-diene-methylene)
Minimum gauge for skin two sided products is 1/4"
Skin one side is available in 1/8”
Other gauges and widths may be available. Please contact Customer Service.
Note: EF0 meets: MS-AY 528, MS-AY 550, Toyota TSK 6505 2A1/2A2
Ford WSB-M3G212A with deviations
GM6086M Type 1A with deviations
GMN11106 Type 1AA with deviations


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