

| ITEM | SPECIFICATION | PROPERTY |
|---|--|-----------------------------------|
| CELL STRUCTURE | | CROSSLINKED EXPANDED POLYETHYLENE |
| DENSITY (LB/FT ³) | ASTM D3575-93 | 2.0 - 2.4 |
| CELL SIZE (MM AVERAGE) | ASTM D3576 MODIFIED | .9 |
| COMPRESSIVE STRENGTH VERTICAL DIRECTION (PSI) | ASTM D3575-93 SUFFIX D @ 25% @ 50% | 10.5 19.5 |
| COMPRESSIVE SET (% ORIGINAL THICKNESS) | ASTM D3575-93 SUFFIX B | 15% |
| COMPRESSIVE CREEP (% DEFLECTION) | ASTM D3575-93 SUFFIX BB (1000 HRS.) | <5% @ 2.0 PSI |
| TENSILE STRENGTH (PSI) (@ 1/2" THICKNESS) | ASTM D3575-93 SUFFIX T MD / CMD | 42 PSI |
| TEAR RESISTANCE (LB/IN) (@ 1/2" THICKNESS) | ASTM D3575-93 SUFFIX G MD / CMD | 13 |
| WATER ABSORPTION (LB/FT ³) | ASTM D3575-93 SUFFIX L | <0.2 |
| THERMAL RESISTANCE R-VALUE (HR-FT ² -°F/BTU) | ASTM C518-91 | 2.09 - 2.48 |
| THERMAL CONDUCTIVITY k-VALUE (BTU-IN/HR-FT ² -°F) | ASTM C518-91 | 0.40 - 0.48 |
| THERMAL STABILITY (% SHRINKAGE) | ASTM D3575-93 SUFFIX S | <5% |

- * STRONG, TOUGH AND LIGHTWEIGHT
- * NOT WATER ABSORBANT
- * CHEMICAL, SOLVENT AND WEATHER RESISTANT

DIMENSION FORMAT: IN (mm)



TITLE ENGINEERING
PROPERTIES FOR TYPE
PIB/SRP PERIMETER ISOLATION

LAST DATE
REVISED
5/5/09

DRAWN BY
MDV

DRAWING NO.
AA001908

AA