

TRYMER™ Green PHENOLIC INSULATION

| UNITS | STANDARD | PROPERTIES |
|---|--|--|
| COLOR | | Green |
| NOMINAL DENSITY | ASTM D1622 | 2.5 lb/ ft ³ |
| THERMAL CONDUCTIVITY | ASTM C518 | 0.15 Btu.in./hr.ft ² .°F@75°F |
| TEMPERATURE LIMITS | | -290°F to +250°F |
| SPECIFIC HEAT | | 0.45 Btu/lb-°F |
| COMPRESSIVE STRENGTH | ASTM D1621 | |
| -Parallel to rise, min | | 29 lb/in ² |
| -Perpendicular to rise, min | | 17.5 lb/in ² |
| TENSILE STRENGTH | ASTM D1623 | |
| -Parallel to rise, min | | 35 lb/in ² |
| -Perpendicular to rise, min | | 26 lb/in ² |
| SHEAR STRENGTH | ASTM C273 | |
| -Perpendicular to rise, min | | 18 lb/in ² |
| THERMAL AND HUMID AGING | ASTM D2126-87 | |
| | -110°F for 7 days +158°F and 97% RH for 7 days +257°F for 7 days | 1" dim. 0.4% 4" dim. 0.1% 1" dim. 1.2% 4" dim. 1.0% 1" dim. 2.6% 4" dim. 1.0% |
| CLOSED CELL CONTENT | ASTM D2856 | minimum 92% |
| WATER VAPOR PERMEABILITY | ASTM E96 | 0.9 perm-inch |
| WATER ABSORPTION | ASTM C209 ASTM D2842 | 0.5% by volume 0.10 lb/ft ² |
| SURFACE BURNING CHARACTERISTICS, ASTM E84 | | |
| | Flame Spread Index | Smoke Developed Index |
| 1 Inch thick -insulation only | ≤25 | ≤50 |
| 3 Inch thick -insulation only | ≤25 | ≤50 |
| <p>TRYMER™ Green meets the requirements of ASTM C1126 Type II and III grade 1 standard specification for faced or unfaced rigid cellular phenolic thermal insulation Other information This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Resolco, Inc. and ITW Insulation Systems. The data on this sheet related only to the specific material designated herein. Resolco, Inc. and ITW Insulation Systems assume no legal responsibility for use or reliance upon this data. For information regarding specific applications of the product please contact ITW Insulation Systems.</p> | | |

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