

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 -Perpendicular to rise, min		29 lb/in ² 17.5 lb/in ²
TENSILE STRENGTH	ASTM D1623	
-Parallel to rise, min -Perpendicular to rise, min		35 lb/in ² 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
1 Inch thick -insulation faced with ASJ	≤25	≤50
3 Inch thick -insulation faced with ASJ	≤25	≤50
<small>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.</small>		

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