

# TRYMER<sup>®</sup> Green

## 5 lb/ft<sup>3</sup> HEAVY DENSITY PHENOLIC INSULATION

### HCFC Free Rigid Phenolic Insulation

UNITS	STANDARD	PROPERTIES
<b>COLOR</b>		Salmon
<b>NOMINAL DENSITY</b>	ASTM D1622	5.0 lb/ ft <sup>3</sup>
<b>THERMAL CONDUCTIVITY</b>	ASTM C518	0.21 Btu-in/hr.ft <sup>2</sup> .°F @75°F
<b>TEMPERATURE LIMITS</b>		-290°F to +250°F
<b>SPECIFIC HEAT</b>		0.45 Btu/lb-°F
<b>COMPRESSIVE STRENGTH</b>	ASTM D1621	
-Parallel to rise, min		90 lb/in <sup>2</sup>
-Perpendicular to rise, min		70 lb/in <sup>2</sup>
<b>TENSILE STRENGTH</b>	ASTM D1623	
-Parallel to rise, min		85 lb/in <sup>2</sup>
-Perpendicular to rise, min		65 lb/in <sup>2</sup>
<b>CLOSED CELL CONTENT</b>	ASTM D2856	minimum 92%
<b>WATER VAPOR PERMEABILITY</b>	ASTM E96	0.9 perm-inch
<b>WATER ABSORPTION</b>	ASTM C209	0.5% by volume
<b>SURFACE BURNING CHARACTERISTICS, ASTM E84</b>		
	<b>Flame Spread Index</b>	<b>Smoke Developed Index</b>
1 Inch thick -insulation only	≤25	≤50
3 Inch thick -insulation only	≤25	≤50
Meets the requirements of ULC Canada S102 & S127 tests		
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