



CLAYBURN INDUSTRIES LTD.

33765 PINE STREET
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CANADA V2S 5C1
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TECHNICAL DATA - TYPICAL

INSULATING BRICK

CLAYTHERM GOZ-1.0

Classification	A low density, high strength, pressed insulating brick.		
Max. Service Temperature (back up)	2350°F	(1300°C)	
Bulk Density	56 - 69 lbs/ft ³	(0.9-1.1 g/cm ³)	
Cold Crushing Strength	1150 - 2050 lbs/in ²	(8.0-14.0 MPa)	
<u>Linear Change on Reheating</u>			
1550°F	(840°C)	0.0%	
1650°F	(900°C)	0.0%	
2300°F	(1260°C)	-0.5 to -1.5%	
<u>Thermal Conductivity</u>			
		<u>Btu/ft² Hr F/in</u>	<u>(W/mK)</u>
250°F	(121°C)	2.1	0.30
500°F	(260°C)	2.2	0.32
1000°F	(538°C)	2.5	0.36
<u>Chemical Analysis</u>			
Silica	SiO ₂	40 - 46%	
Alumina	Al ₂ O ₃	46 - 52%	