



CLAYBURN INDUSTRIES LTD.

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 CANADA V2S 5C1
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TECHNICAL DATA - TYPICAL
INSULATING CASTABLES
THERMOLITE 26GLI

(Gunned Data)

Classification	A <u>low iron</u> medium lightweight 2600°F insulating castable suitable for gunning applications		
Service Limit	2600°F	(1430°C)	
Dry Weight Required to Place 1 cu. ft. (m ³)	90 lbs	(1441 Kg)	
<u>Linear Change on Heating</u>			
230°F (110°C)	Nil %		
1500°F (816°C)	-0.3 to -0.7%		
2300°F (1370°C)	-0.5 to -1.5%		
<u>Cold Crushing Strength</u>			
230°F (110°C)	1500-2500 lbs/in ²	(10.3-17.2 MPa)	
1500°F (816°C)	1000-2000 lbs/in ²	(6.9-13.8 MPa)	
<u>Thermal Conductivity (Mean Temp)</u>			
400°F (204°C)	<u>Btu/ft²•Hr•°F/in</u>	<u>W/mK</u>	
800°F (427°C)	2.86	0.41	
1200°F (649°C)	2.99	0.43	
	3.28	0.47	
<u>Chemical Analysis</u>			
Silica	SiO ₂	38.7%	
Alumina	Al ₂ O ₃	42.1%	
Iron	Fe ₂ O ₃	1.1%	
ASTM Designation	C401 Class "Q"		

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**ALL DATA SUBJECT TO REASONABLE DEVIATION AND THEREFORE
 SHOULD NOT BE USED FOR SPECIFICATION PURPOSES**