



**CLAYBURN INDUSTRIES LTD.**

33765 PINE STREET  
 ABBOTSFORD, BC  
 CANADA V2S 5C1  
 PHONE: (604) 859-5288  
 FAX: (604) 859-0424



**TECHNICAL DATA - TYPICAL**

**INSULATING CASTABLES**

**THERMOLITE 26LI**

Classification	A <u>low iron</u> medium lightweight 2600°F insulating castable		
Service Limit	2600°F		(1430°C)
Dry Weight Required to Place 1 cu. ft. (m <sup>3</sup> )	85 lbs		(1360 Kg)
Approx. Water Required for Placement	26%		
<u>Linear Change on Heating</u>			
230°F	(110°C)	0%	
1500°F	(816°C)	-0.1 to -0.3%	
2500°F	(1370°C)	-0.5 to -1.5%	
<u>Cold Crushing Strength</u>			
230°F	(110°C)	700-1100 lbs/in <sup>2</sup>	(4.8-7.6 MPa)
1500°F	(816°C)	500-900 lbs/in <sup>2</sup>	(3.4-6.2 MPa)
<u>Thermal Conductivity (Mean Temp)</u>		<u>Btu/ft<sup>2</sup>•Hr•°F/in</u>	<u>W/mK</u>
400°F	(204°C)	2.70	0.39
800°F	(427°C)	2.85	0.41
1200°F	(649°C)	3.09	0.44
<u>Chemical Analysis</u>			
Silica	SiO <sub>2</sub>	45.5%	
Alumina	Al <sub>2</sub> O <sub>3</sub>	40.2%	
Iron	Fe <sub>2</sub> O <sub>3</sub>	1.1%	
ASTM Designation	C401 Class "Q"		

FEB 09

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