



**CLAYBURN INDUSTRIES LTD.**

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**TECHNICAL DATA**

**CLAYBURN GN 25 LW**

CLAYBURN GN 25 LW is a strong hydraulic setting, insulating castable for gunning. At only 72 pounds/ft<sup>3</sup>, CLAYBURN GN 25 LW offers a thermally efficient lining, as a back up or working lining, by reducing heat loss and heat storage. It guns well and shows low rebound.

<b>SERVICE TEMPERATURE:</b>	2500°F
<b>MATERIAL REQUIRED FOR ESTIMATING:</b>	72 lbs./cu. ft.
<b>WATER REQUIRED:</b>	Add at Nozzle

**TYPICAL CHEMICAL ANALYSIS**

(Calcined Basis)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	MgO	CaO	Alkalies	Other
45.7	39.6	1.0	1.4	0.2	9	1.1	2

**TYPICAL PHYSICAL PROPERTIES**

Prefired °F	Cold Crushing Strength, psi	Linear Change %	“K” Factor Btu/ft <sup>2</sup> /hr/in <sup>0</sup> F
250	500 - 1000	-0.2	500 <sup>0</sup> F - 1.9
1500	750 - 1250	-0.9	1000 <sup>0</sup> F - 2.1
2000	500 - 1000	-1.8	2000 <sup>0</sup> F - 2.9
2200	350 - 750	-2.5	

136020 – 3/05/02

The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.