



**CLAYBURN INDUSTRIES LTD.**

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**TECHNICAL DATA**

**CLAYBURN LITE GUN 19-35**

CLAYBURN LITE GUN 19-35 is a very light weight insulating gunnite suitable for applications to 1900<sup>0</sup>F. It was specifically formulated as a thermally efficient gunnite for behind dense castables and brick linings.

**SERVICE TEMPERATURE:** 1900°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 35-45 lbs./cu. ft.  
**WATER ADDITION:** 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
37.8	43.9	1.5	0.8	0.5	11.8	3.6	Nil

**TYPICAL PHYSICAL PROPERTIES**

Prefired to °F	Cold Crushing Strength, psi	Linear Change %	“K” Factor Btu/ft <sup>2</sup> /hr/in/°F
250	100-200	Nil	500°F – 1.1
1500	100-200	-1.0	1000°F – 1.3

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The data 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 specifications.