



**CLAYBURN INDUSTRIES LTD.**

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## TECHNICAL DATA

### CLAYBURN ASAP GUN AZS

CLAYBURN ASAP GUN AZS is an alumina-zircon aggregate based, thermal shock resistant gun mix. CLAYBURN ASAP GUN AZS has excellent resistance to abrasion and alkali attack. Heat-up can be faster than traditional schedules. Applications include coolers, pre-heater towers and other areas where alkali or wear is a problem.

**SERVICE TEMPERATURE:** 2800°F  
**MATERIAL REQUIRED FOR ESTIMATING:** 173 lbs./cu. ft.

### 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>	Zircon	CaO	SiC
47	17	0.4	0.2	25	3.5	4.9

### TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	740	3900	Nil
1500	950	5200	-0.3
2000	1165	6400	-0.3

**ABRASION LOSS AFTER 1500°F:** less than 7 cc (rammed)

129520 - 12/8/05

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.