



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN PL SUPER AS

CLAYBURN PL SUPER AS is a super duty, air setting, volume stable, plastic refractory. It has excellent resistance to thermal spalling and mechanical shock. **CLAYBURN PL SUPER AS**, when dry, develops strength throughout the entire thickness, regardless of the operating temperature.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 150 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies
47.4	49.2	1.1	1.7	0.2	0.1	0.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	220	500	-0.9
1500	380	1,460	-1.0
2000	610	1,820	-1.2
2500	680	1,340	-0.2
3000	1970	6,830	+0.2

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