



CLAYBURN INDUSTRIES LTD.

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

TECHNICAL DATA

CLAYBURN PLASTIC SUPER AS

CLAYBURN PLASTIC SUPER AS is a super duty, air setting, volume stable, plastic refractory. It has excellent resistance to thermal spalling and mechanical shock. **CLAYBURN PLASTIC 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

209420

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.