



CLAYBURN INDUSTRIES LTD.

33765 PINE STREET
ABBOTSFORD, BC
CANADA V2S 5C1
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TECHNICAL DATA

CLAYBURN LIQUIBOND 90

CLAYBURN LIQUIBOND 90 is a high alumina very pure, chemically bonded refractory having excellent thermal shock resistance, high refractoriness and strength at high temperatures. CLAYBURN LIQUIBOND 90 is ideal for aluminum applications such as belly bands, sills and troughs.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 188 lbs./cu. ft.
***BINDER ADDITION:** 9.5–10.5% by weight

**The binder is available in tote tanks or gallon jugs/4 per carton (one jug per 100# of dry)*

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	P ₂ O ₅	Fe ₂ O ₃
89 - 90	2 - 3	2.8 - 3.2	0.7 - 0.9

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
1500	1000-1400	5,300-5,600	-0.3
2000	3100-3400	> 8,700	-0.3

186120 - 4/15/99