



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN LIQUIBOND 60

CLAYBURN LIQUIBOND 60 is a high alumina, very pure, chemically bonded refractory having excellent thermal shock resistance, high refractoriness and strength at high temperatures. CLAYBURN LIQUIBOND 60 is ideal for aluminum applications such as belly bands, sills and troughs.

SERVICE TEMPERATURE:	3000°F
MATERIAL REQUIRED FOR ESTIMATING:	165 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
61.5 - 63	27 - 29	3.1 - 3.3	0.8 - 0.9

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
250	900-1050	--	
1500	900-1050	3,200-3,600	-0.2
2400	3100-3400	8,700-10,000	-0.4

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