



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN CAST 55 AZR LC

CLAYBURN CAST 55 AZR LC is a high strength, high density alumina-zircon low cement castable. It was specifically developed for upper sidewalls and dross line applications in aluminum furnaces and is designed to reduce corundum build-up.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 156 lbs./cu. ft.
CASTING WATER (Approx. by Wt.): 5.0%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
54.1	33.4	0.9	1.5	0.1	1.6	0.1	8.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2360	-	Nil
1500	2770	-	-0.2

143920 – 10/23/95