



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN CAST 60 AZR LC

CLAYBURN CAST 60 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, aiding in the reduction of corundum build-up. CLAYBURN CAST 60 AZR LC is also very well suited for risers and lifters in cement and lime plant applications.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 162 lbs./cu. ft.
CASTING WATER: 4 - 4.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	ZrO ₂ •SiO ₂
53 -56	33 - 35	<0.9	1.8 – 2.2	10 – 12

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2970	12,100	Nil
1500	3800	11,600	-0.3

ABRASION LOSS AFTER FIRING TO 1500°F - 6.8 cc loss

147520 – 4/8/02

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.