



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN CAST FS-LC

CLAYBURN CAST FS-LC is a low cement, thermal shock resistant castable containing a high percentage of fused silica. It was developed specifically for aluminum contact applications. CLAYBURN CAST FS-LC is ideal for precast shapes or for the original lining for tapholes and filter boxes.

SERVICE TEMPERATURE:	2200°F
MATERIAL REQUIRED FOR ESTIMATING:	118 lbs./cu. ft.
CASTING WATER:	5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Other
14.7	81.1	0.1	0.1	0.1	3.5	0.1	0.1

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2020	6310	-0.1
1000	1540	9640	-
1500	1440	-	-0.3

APP. POROSITY: 12.6% After 1500°F

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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.