



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN ASAP 60 JC

CLAYBURN ASAP 60 JC is a high alumina low cement castable specifically developed to be pumped/gunned into place using the "JET CAST" method of material placement. ASAP products may be cured and fired faster than traditional heating schedules. Applications include areas where abrasion is a problem such as cement kiln preheating zones and coolers and coal fired boiler ash hoppers.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 150 lbs./cu. ft.
PUMPING WATER: 5.5–6.5%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	Alkalies
57 - 62	35 - 37	<1.0	2.0 – 3.0	<0.25

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2000	8,500	-0.1
1500	2250	9,750	-0.2
2000	2750	10,500	-0.9
2500	1800	9,400	+0.9

ABRASION LOSS: <7 cc After 1500°F

APP. POROSITY: 16-18% After 1500°F

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The data presented 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 specification purposes.