



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA

CLAYBURN PUTTY 80 FF

CLAYBURN PUTTY 80 FF is a high purity, high alumina, fine grained chemically bonded plastic refractory. It exhibits high hot strength throughout the temperature range. The inherent high density and low porosity reduces metal penetration and the effects of corrosive slags.

SERVICE TEMPERATURE: 3200°F
MATERIAL REQUIRED FOR ESTIMATING: 175 lbs./cu. ft.

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO	P ₂ O ₅
85.0 – 86.0	5.05 – 6.0	<1.4	<0.2	2.0 – 3.0

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
600	500	1,100	-0.1
1500	675	2,000	Nil
2000	965	2,750	+0.1
2500	900	3,400	+0.7
3000	1125	4,400	+0.5

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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.