



TECHNICAL DATA

CLAYBURN CAST SUPER ABRABDE 60Z

CLAYBURN CAST SUPER ABRABDE 60Z is a high alumina, very strong, thermal shock resistant, mullite based low cement castable with zircon added for enhanced chemical and thermal shock resistance. This product can be vibrated or pumped into place. Its purity, volume stability, and low porosity makes CLAYBURN CAST SUPER ABRABDE 60Z ideal for contact with iron, steel and slags. It is also recommended for aggregate kilns, cement kiln risers, coolers, curbs or anywhere abrasion or alkali attack is a problem.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 150 lbs./cu. ft.
CASTING WATER: 5-6%

TYPICAL CHEMICAL ANALYSIS
(Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	Alkalies	Zircon
57	35	0.9	1.6	0.1	2-3	0.2	4-5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	2650	12,714	Nil
1500	2760	11,800	-0.2

Abrasion Loss after firing to 1000F 4.9 cc (vibrated)
Abrasion Loss after firing to 1500F 3.5 cc (vibrated)
6.1 cc (pumped)