



TECHNICAL DATA SHEET

NOCEM 60 is a chemically bonded Mullite castable that resists alkali attack, oxide buildup, aluminum penetration and thermal shock.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 140 lbs./cu. ft.
WATER REQUIRED: 6 - 7%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO	CaO	P ₂ O ₅	Alkalies
60	30	0.9	1.7	0.3	Nil	4.5	0.3

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Bulk Density Lb/ft ³
750	---	6,056	145
1500	1,017	4,800	142
2000	---	3,934	138

HOT MODULUS OF RUPTURE @ 1500°F: 1,536 psi

PACKAGING: 50 lb. Bags, 80 per Pallet (4000 lbs.)

181707 – 7/31/12

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.