



TECHNICAL DATA SHEET

CONCAST 26 C is a coarse grained, low iron, dense, strong, easy to use, general purpose, conventional castable. It has good to moderate abrasion and can be used in applications such as rotary kilns, feed chutes, ash hoppers, furnace subhearth, kiln cars and in precast shapes for super duty applications.

SERVICE TEMPERATURE: 2600°F
MATERIAL REQUIRED FOR ESTIMATING: 130 lbs./cu. ft.
CASTING WATER: 10-12%

TYPICAL CHEMICAL ANALYSIS (Calcined Basis)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	Mgo	CaO	Alkalies	Other
49	40	0.4	1.8	0.1	6	0.1	2.5

TYPICAL PHYSICAL PROPERTIES

Prefired to °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear Change %
250	950 – 1,150	4,400 – 5,300	Nil
1500	650 – 830	3,700 – 4,500	+0.1
2500	1,320 – 1,612	4,400 – 6,000	+1.5

PACKAGING: 55 lb. Bags, 72 per Pallet (3,960 lbs.)

105800 4/3/07

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.