

K CAST 85 PRODUCT INFORMATION

K CAST 85 is a high alumina castable formulated with a unique binder system. It exhibits superior resistance to thermal shock and spalling.

PHYSICAL PROPERTIES

Maximum Service Temperature	3100°F
Dry Castable Requirement	170 lbs./cu.ft
Approximate Water for Pouring	5.5- 6.5 %
Bulk Density after 230°F	165-170 lbs./cu.ft
Cold Crushing Strength	
After Drying at 230°F	1900-2300 lbs/sq.in.
After Heating to 1500°F	2400-3000 lbs/sq.in
After Heating to 2250°F	2500-3500 lbs/sq.in
Linear Change, %	
After Drying at 230°F	0.0
After Heating to 1500°F	0.0 to -0.2
After Heating to 2250°F	0.0 to -0.2
Typical Chemical Analysis, %	
Al ₂ O ₃	84.60
SiO ₂	10.40
Other	5.00

The above are average results and do not constitute a specification.

K CAST 85 is available in 50# bags, 100# bags, 1500#, 2000#, or 3000# mini-bulk bags, palletized and shrink-wrapped.

NOTE: CASTABLE MUST BE STORED IN DRY PLACE