CENTURION REFRACTORIES(PTY) LTD

PRODUCT DATA

PRODUCT NAME	**CENTURCAST 18 LC**	
CHEMICAL ANALYSIS		
SiO_2	%	12.9
Al_2O_3	%	80.1
Fe_2O_3	%	0.5
TiO_2	%	1.4
CaO + MgO	%	1.46
K_2O + Na_2O	%	0.45
Cr_2O_3	%	-
C	%	-
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.95
Cold Crushing Strength Dried @ 110 °C	Mpa	70
Cold Crushing Strength Fired to 1000 °C	Mpa	95
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1800
Permanent Linear change fired to 1000 °C	%	0
Thermal Expansion @ 1000 °C	%	0.87
Thermal Conductivity @ 1000 °C	W/mK	2.40
ADDITIONAL INFORMATION		
Water Addition	%	4. – 5
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40

DESCRIPTION

High Alumina castable.

APPLICATION

Launders, Spouts, and wear areas.