CENTURION REFRACTORIES(PTY) LTD

PRODUCT DATA

PRODUCT NAME	**CENTURCAST 18PH GCO+SSW**	
CHEMICAL ANALYSIS		
SiO_2	%	0.1
Al_2O_3	%	95.9
Fe_2O_3	%	0.05
TiO_2	%	0.1
CaO + MgO	%	2.0
K_2O + Na_2O	%	0.1
Cr_2O_3	%	2
SSW	%	4
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	3.15
Cold Crushing Strength Dried @ 110 °C	Mpa	95
Cold Crushing Strength Fired to 1000 °C	Mpa	+120
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1900
Permanent Linear change fired to 1000 °C	%	0
Thermal Expansion @ 1000 °C	%	-
Thermal Conductivity @ 1000 °C	W/mK	2.4
ADDITIONAL INFORMATION		
Water Addition	%	4.5 – 5
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40

DESCRIPTION

Pure Alumina castable with 4% SSW and green Chrome oxide addition.

APPLICATION

Where hot strength and abrasion resistance at high temperatures are required.