CENTURION REFRACTORIES(PTY) LTD

PRODUCT DATA

PRODUCT NAME	**CENTURCAST TYPE S**	
CHEMICAL ANALYSIS		
SiO_2	%	0.1
Al_2O_3	%	96.9
Fe_2O_3	%	0.05
TiO_2	%	0.1
CaO + MgO	%	2.0
K_2O + Na_2O	%	0.1
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.95
Cold Crushing Strength Dried @ 110 °C	Mpa	75
Cold Crushing Strength Fired to 1000 °C	Mpa	95
Maximum Particle Size	mm	0.5
Maximum Service Temperature	°C	1750
Permanent Linear change fired to 1000 °C	%	0
Thermal Expansion @ 1000 °C	%	-
Thermal Conductivity @ 1000 °C	W/mK	2.4
ADDITIONAL INFORMATION		
Water Addition	%	10-12
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40

DESCRIPTION

Pure Alumina castable.

APPLICATION

Infiltrating castable for use in conjunction with stainless steel fibers.