

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST 18 C
CHEMICAL ANALYSIS		
SiO ₂	%	0.2
Al ₂ O ₃	%	94
Fe ₂ O ₃	%	0.5
TiO ₂	%	0.2
CaO + MgO	%	4.02
K ₂ O + Na ₂ O	%	0.4
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	8
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	2.5
ADDITIONAL INFORMATION		
Water Addition	%	4 – 5
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
Conventional High Alumina Castable.		
APPLICATION		
General purpose to 1800 °C.		

THIS DATA IS BASED ON AVERAGE VALUES AND SHOULD NOT BE TAKEN AS A GUARANTEED SPECIFICATION. IT IS SUBJECT TO REASONABLE VARIATION.

WHERE A PROPERTY IS CRITICAL, CONFIRMATION SHOULD BE OBTAINED FROM CENTURION REFRACTORIES.