

# CENTURION REFRACTORIES<sub>(PTY) LTD</sub>

## PRODUCT DATA

PRODUCT NAME		CENTURCAST 20 PH
CHEMICAL ANALYSIS		
SiO <sub>2</sub>	%	0.1
Al <sub>2</sub> O <sub>3</sub>	%	98.8
Fe <sub>2</sub> O <sub>3</sub>	%	0.02
TiO <sub>2</sub>	%	0.1
CaO + MgO	%	0.07
K <sub>2</sub> O + Na <sub>2</sub> O	%	0.37
Cr <sub>2</sub> O <sub>3</sub>	%	-
C	%	-
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	3.2
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	2000
Permanent Linear change fired to 1000 °C	%	0
Thermal Expansion @ 1000 °C	%	0
Thermal Conductivity @ 1000 °C	W/mK	2.4
ADDITIONAL INFORMATION		
Water Addition	%	5 – 6
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
Pure alumina, cement free castable.		
APPLICATION		
Specialised applications.		

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.