

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST 50
CHEMICAL ANALYSIS		
SiO ₂	%	42.40
Al ₂ O ₃	%	50.60
Fe ₂ O ₃	%	0.51
TiO ₂	%	1.39
CaO + MgO	%	4.10
K ₂ O + Na ₂ O	%	0.21
Cr ₂ O ₃	%	-
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.31
Cold Crushing Strength Dried @ 110 °C	Mpa	65.00
Cold Crushing Strength Fired to 1000 °C	Mpa	75,00
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1500
Permanent Linear change fired to 1000 °C	%	- 0.20
Thermal Expansion @ 1000 °C	%	-
Thermal Conductivity @ 1000 °C	W/mK	1.00
ADDITIONAL INFORMATION		
Water Addition	%	10 - 12
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		56
DESCRIPTION		
Conventional medium temperature, low iron castable.		
APPLICATION		
General to 1550 °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.

