

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		Centurcast NCC 50
CHEMICAL ANALYSIS		
SiO ₂	%	48.80
Al ₂ O ₃	%	47.50
Fe ₂ O ₃	%	1.20
TiO ₂	%	-
CaO + MgO	%	-
K ₂ O + Na ₂ O	%	-
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.30
Cold Crushing Strength Dried @ 110 °C	Mpa	30.00
Cold Crushing Strength Fired to 1000 °C	Mpa	55.00
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1680
Permanent Linear change fired to 1000 °C	%	+ 0.10
Thermal Expansion @ 1000 °C	%	0.31
Thermal Conductivity @ 1000 °C	W/mK	1.40
ADDITIONAL INFORMATION		
Water Addition	%	6 – 8
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
Cement-free castable.		
APPLICATION		
Vibration casting to 1700 °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.