

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		Centurcast MgO
CHEMICAL ANALYSIS		
SiO ₂	%	6.7
Fe ₂ O ₃	%	0.9
MgO	%	83.7
CaO	%	0.71
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.81
Cold Crushing Strength Dried @ 110 °C	Mpa	110.00
Cold Crushing Strength Fired to 1000 °C	Mpa	120.00
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1750
Permanent Linear change fired to 1000 °C	%	- 0.4
Thermal Expansion @ 1000 °C	%	-
Thermal Conductivity @ 1000 °C	W/mK	2.8
ADDITIONAL INFORMATION		
Water Addition	%	5-7
Shelf Life	months	6
No. bags per pallet		40
DESCRIPTION		
Magnesia based castable with MgO binder system.		
APPLICATION		
Magnesia based precast shapes and linings.		

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.