

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST SC 84
CHEMICAL ANALYSIS		
SiO ₂	%	3
Al ₂ O ₃	%	7
Fe ₂ O ₃	%	0.8
TiO ₂	%	0.2
CaO + MgO	%	4
K ₂ O + Na ₂ O	%	0.1
Cr ₂ O ₃	%	-
SiC	%	84
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.70
Cold Crushing Strength Dried @ 110 °C	Mpa	60
Cold Crushing Strength Fired to 1000 °C	Mpa	80
Maximum Particle Size	mm	5
Maximum Service Temperature	°C	1600
Permanent Linear change fired to 1000 °C	%	- 0.2
Thermal Expansion @ 1000 °C	%	0.3
Thermal Conductivity @ 1000 °C	W/mK	16
ADDITIONAL INFORMATION		
Water Addition	%	7-9
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
Low cement Silicon Carbide castable.		
APPLICATION		
High wear areas and furnace tapholes.		

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.