

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST 16 COR
CHEMICAL ANALYSIS		
SiO ₂	%	27.41
Al ₂ O ₃	%	64.59
Fe ₂ O ₃	%	1.18
TiO ₂	%	3.00
CaO + MgO	%	2.00
K ₂ O + Na ₂ O	%	-
SiC	%	-
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.90
Cold Crushing Strength Dried @ 110 °C	Mpa	55.00
Cold Crushing Strength Fired to 1000 °C	Mpa	65.00
Maximum Particle Size	mm	8
Maximum Service Temperature	°C	1600
Permanent Linear change fired to 1000 °C	%	- 0.30
Thermal Expansion @ 1000 °C	%	1.20
Thermal Conductivity @ 1000 °C	W/mK	1.80
ADDITIONAL INFORMATION		
Water Addition	%	4– 6
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
Low cement, COR resistant alumina castable.		
APPLICATION		
For vibration casting to 1600°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.