

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST 165 LCZ
CHEMICAL ANALYSIS		
SiO ₂	%	31.20
Al ₂ O ₃	%	58.01
Fe ₂ O ₃	%	1.20
TiO ₂	%	0.20
CaO + MgO	%	2.0
K ₂ O + Na ₂ O	%	0.20
ZrO ₂	%	4
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.75
Cold Crushing Strength Dried @ 110 °C	Mpa	68.00
Cold Crushing Strength Fired to 1000 °C	Mpa	78.00
Maximum Particle Size	mm	5
Maximum Service Temperature	°C	1650
Permanent Linear change fired to 1000 °C	%	+ 0.20
Thermal Expansion @ 1000 °C	%	0.72
Thermal Conductivity @ 1000 °C	W/mK	1.30
ADDITIONAL INFORMATION		
Water Addition	%	5 – 6
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
Low cement, high temperature castable with Zircon.		
APPLICATION		
For vibration casting to 1650 °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.

