

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCRETE 16 SL
CHEMICAL ANALYSIS		
SiO ₂	%	32.70
Al ₂ O ₃	%	60.75
Fe ₂ O ₃	%	0.70
TiO ₂	%	0.30
CaO + MgO	%	4.40
K ₂ O + Na ₂ O	%	0.16
Cr ₂ O ₃	%	0.00
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.50
Cold Crushing Strength Dried @ 110 °C	Mpa	55.00
Cold Crushing Strength Fired to 1000 °C	Mpa	65.00
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1650
Permanent Linear change fired to 1000 °C	%	- 0.20
Thermal Expansion @ 1000 °C	%	0.10
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		
Conventional high temperature castable.		
APPLICATION		
General 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.