

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		Centurcast 17
CHEMICAL ANALYSIS		
SiO ₂	%	8.1
Al ₂ O ₃	%	86.9
Fe ₂ O ₃	%	0.6
CaO + MgO	%	1.98
K ₂ O + Na ₂ O	%	0.3
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.67
Cold Crushing Strength Dried @ 110 °C	Mpa	70
Cold Crushing Strength Fired to 1000 °C	Mpa	90
Maximum Particle Size	mm	8
Maximum Service Temperature	°C	1750
Permanent Linear change fired to 1000 °C	%	-0.02
Thermal Conductivity @ 1000 °C	W/mK	1.3
ADDITIONAL INFORMATION		
Water Addition	%	5 – 6
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		60
DESCRIPTION Low cement, high temperature castable.		
APPLICATION Vibration casting to 1700°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.