

# CENTURION REFRACTORIES<sub>(PTY) LTD</sub>

## PRODUCT DATA

PRODUCT NAME		CENTURPLAST 17 IC
CHEMICAL ANALYSIS		
SiO <sub>2</sub>	%	32.00
Al <sub>2</sub> O <sub>3</sub>	%	62.00
Fe <sub>2</sub> O <sub>3</sub>	%	0.70
TiO <sub>2</sub>	%	0.20
CaO + MgO	%	5.00
K <sub>2</sub> O + Na <sub>2</sub> O	%	0.15
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	> 2.70
Cold Crushing Strength Dried @ 110 °C	Mpa	> 40
Cold Crushing Strength Fired to 1000 °C	Mpa	65
Maximum Particle Size	mm	4
Maximum Service Temperature	°C	1700
Permanent Linear change fired to 1000 °C	%	- 0.2
Thermal Expansion @ 1000 °C	%	1,2
Thermal Conductivity @ 1000 °C	W/mK	-
ADDITIONAL INFORMATION		
Water Addition	%	8-10
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		56
DESCRIPTION		
High temperature, high strength castable.		
APPLICATION		
Induction furnace coil coating. High temperature plaster/gunning for ladles and tundishes.		

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.