

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME CENTURPLAST 17 IC ALG		
CHEMICAL ANALYSIS		
SiO ₂	%	32.00
Al ₂ O ₃	%	62.00
Fe ₂ O ₃	%	0.70
TiO ₂	%	0.20
CaO + MgO	%	5.00
K ₂ O + Na ₂ 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	1
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/gunniting 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.