

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURPLAST 165 IC
CHEMICAL ANALYSIS		
SiO ₂	%	22.00
Al ₂ O ₃	%	65.00
Fe ₂ O ₃	%	0.50
TiO ₂	%	0.80
CaO + MgO	%	5.00
K ₂ O + Na ₂ O	%	0.19
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	> 2.53
Cold Crushing Strength Dried @ 110 °C	Mpa	> 45
Cold Crushing Strength Fired to 1000 °C	Mpa	60
Maximum Particle Size	mm	3
Maximum Service Temperature	°C	1600
Permanent Linear change fired to 1000 °C	%	- 0.3
Thermal Expansion @ 1000 °C	%	1,4
Thermal Conductivity @ 1000 °C	W/mK	-
ADDITIONAL INFORMATION		
Water Addition	%	10-12
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
Medium to high temperature, high strength, fine graded plaster.		
APPLICATION		
For intricate shapes. General plastering applications up 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.