

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST 18 PHC+SSW
CHEMICAL ANALYSIS		
SiO ₂	%	0.1
Al ₂ O ₃	%	96.9
Fe ₂ O ₃	%	0.05
TiO ₂	%	0.1
CaO + MgO	%	2.0
K ₂ O + Na ₂ O	%	0.1
Cr ₂ O ₃	%	-
SSW	%	4
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	3.15
Cold Crushing Strength Dried @ 110 °C	Mpa	100
Cold Crushing Strength Fired to 1000 °C	Mpa	+120
Maximum Particle Size	mm	15
Maximum Service Temperature	°C	1900
Permanent Linear change fired to 1000 °C	%	0
Thermal Expansion @ 1000 °C	%	-
Thermal Conductivity @ 1000 °C	W/mK	2.4
ADDITIONAL INFORMATION		
Water Addition	%	4.5 – 5
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION Pure Alumina castable with 4% SSW addition.		
APPLICATION Where hot strength and abrasion resistance at high temperatures are required.		

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.