

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST TYPE S
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
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.95
Cold Crushing Strength Dried @ 110 °C	Mpa	75
Cold Crushing Strength Fired to 1000 °C	Mpa	95
Maximum Particle Size	mm	0.5
Maximum Service Temperature	°C	1750
Permanent Linear change fired to 1000 °C	%	0
Thermal Expansion @ 1000 °C	%	-
Thermal Conductivity @ 1000 °C	W/mK	2.4
ADDITIONAL INFORMATION		
Water Addition	%	10-12
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION Pure Alumina castable.		
APPLICATION Infiltrating castable for use in conjunction with stainless steel fibers.		

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.