

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST 18 FH
CHEMICAL ANALYSIS		
SiO ₂	%	5.1
Al ₂ O ₃	%	88
Fe ₂ O ₃	%	0.05
TiO ₂	%	0.1
CaO + MgO	%	2.0
K ₂ O + Na ₂ O	%	0.1
SSW	%	as required
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2.85
Cold Crushing Strength Dried @ 110 °C	Mpa	95
Cold Crushing Strength Fired to 1000 °C	Mpa	<100
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1800
Permanent Linear change fired to 1000 °C	%	0
Thermal Conductivity @ 1000 °C	W/mK	2.4
ADDITIONAL INFORMATION		
Water Addition	%	4.5 - 6
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		40
DESCRIPTION		
High strength Alumina castable with pure Alumina matrix.		
APPLICATION		
Where high strength at high temperatures are required - feed chutes, tap nozzles, tap blocks.		

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.