

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURCAST 145 LCB
CHEMICAL ANALYSIS		
SiO ₂	%	44,9
Al ₂ O ₃	%	44,5
Fe ₂ O ₃	%	1,3
TiO ₂	%	1,4
CaO + MgO	%	3,2
K ₂ O + Na ₂ O	%	0,45
Special Additive	%	4,00
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm3	2,35
Cold Crushing Strength Dried @ 110 °C	Mpa	55
Cold Crushing Strength Fired to 1000 °C	Mpa	65
Maximum Particle Size	mm	6
Maximum Service Temperature	°C	1450
Permanent Linear change fired to 1000 °C	%	+ 0,10
Thermal Expansion @ 1000 °C	%	0,87
Thermal Conductivity @ 1000 °C	W/mK	1,10
ADDITIONAL INFORMATION		
Water Addition	%	6 – 8
Shelf Life	months	6
Packaging Size	kg	25
No. bags per pallet		56
DESCRIPTION		
Low cement castable with non sticking agent.		
APPLICATION		
Launders, spouts, taphole blocks and furnace linings in the aluminium industry.		

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.

