

# CENTURION REFRACTORIES<sub>(PTY) LTD</sub>

## PRODUCT DATA

PRODUCT NAME		CENTURLITE 13F
CHEMICAL ANALYSIS		
SiO <sub>2</sub>	%	40.1
Al <sub>2</sub> O <sub>3</sub>	%	44.5
Fe <sub>2</sub> O <sub>3</sub>	%	3.5
TiO <sub>2</sub>	%	10.4
CaO	%	0.5
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm <sup>3</sup>	1.05
Cold Crushing Strength Dried @ 110 °C	Mpa	6-9
Maximum Particle Size	mm	4
Maximum Service Temperature	°C	1350
Permanent Linear change fired to 1000 °C	%	- 0.10
Thermal Conductivity @ 1000 °C	W/mK	0.3
ADDITIONAL INFORMATION		
Water Addition		40l/100kg
Shelf Life	months	6
Packaging Size	kg	15
DESCRIPTION		
Lightweight insulating castable.		
APPLICATION		
Where a medium strength insulating castable is 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.