

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

## PRODUCT DATA

PRODUCT NAME		INSULFLOW
<b>CHEMICAL ANALYSIS</b>		
SiO <sub>2</sub>	%	32
Al <sub>2</sub> O <sub>3</sub>	%	52
Fe <sub>2</sub> O <sub>3</sub>	%	2
TiO <sub>2</sub>	%	0.1
CaO+MgO	%	10
K <sub>2</sub> O+Na <sub>2</sub> O	%	0.1
<b>PHYSICAL PROPERTIES</b>		
Bulk Density Dried @ 110 °C	g/cm <sup>3</sup>	0.8
Cold Crushing Strength Dried @ 110 °C	Mpa	4
Maximum Particle Size	mm	7
Maximum Service Temperature	°C	1100
Permanent Linear change fired to 1000 °C	%	-0.20
Thermal Conductivity @ 1000 °C	W/mK	0.40
<b>ADDITIONAL INFORMATION</b>		
Water Addition	%	30
Shelf Life	months	8
Packaging Size	kg	15
<b>DESCRIPTION</b> Lightweight insulating material that can be casted, pumped or plastered.		
<b>APPLICATION</b> Where good strength and high insulating properties 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.