

CENTURION REFRACTORIES_{(PTY) LTD}

PRODUCT DATA

PRODUCT NAME		CENTURLITE 145 F
CHEMICAL ANALYSIS		
SiO ₂	%	28.6
Al ₂ O ₃	%	56.41
Fe ₂ O ₃	%	2.0
TiO ₂	%	0.1
CaO	%	10.0
CaO + MgO	%	8.25
PHYSICAL PROPERTIES		
Bulk Density Dried @ 110 °C	g/cm ³	1.40
Cold Crushing Strength Dried @ 110 °C	Mpa	9
Cold Crushing Strength Dried @ 1000 °C	Mpa	10
Maximum Particle Size	mm	0.5
Maximum Service Temperature	°C	1450
Permanent Linear change fired to 1000 °C	%	- 0.20
Thermal Conductivity @ 1000 °C	W/mK	0.40
Setting time	hours	8
ADDITIONAL INFORMATION		
Water Addition		30l/100kg
Shelf Life	months	6
Packaging Size	kg	20
DESCRIPTION		
Lightweight and high strength insulating castable.		
APPLICATION		
Where a high strength is required up to 1450 °C.		

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.