

# MAIN PROPERTIES

## PHYSICAL PROPERTIES

	STD	HZ
Classification Temp.	C° 1260	1430
Color	White	White

## CHEMICAL COMPOSITION

Al <sub>2</sub> O <sub>3</sub>	%	42 - 46	33 - 37
ZrO <sub>2</sub>	%	-	13 - 17
SiO <sub>2</sub>	%	54 - 58	48 - 52
Fe <sub>2</sub> O <sub>3</sub>	%	0.1	0.1

## TENSILE STRENGTH

64	Kg/m3	> 25	> 25
96	Kg/m3	> 45	> 45
128	Kg/m3	> 60	> 60
160	Kg/m3	> 70	> 70

## LINEAR SHRINKAGE

1200 @ 24h	C°	≤ 3.5	-
1350 @ 24h	C°	-	≤ 3

## SHOT CONTENT

%	9-10	9-10
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## THERMAL CONDUCTIVITY

Density	Kg/m3	64	96	128
200	W/m.K	0.07	0.06	0.06
400	W/m.K	0.12	0.11	0.10
600	W/m.K	0.20	0.16	0.15
800	W/m.K	0.30	0.21	0.19
1000	W/m.K	0.40	0.30	0.26

# APPLICATIONS

- Furnace & kiln linings
- Boiler insulations
- Refractor & heater lining
- Coke oven hot repair
- Expansion gap
- Duct and Pipe linings
- Thermal barriers for automotive industry
- Die cut shapes for automobiles
- Steam and Gas turbines insulation

All above blankets are subjected to standard tolerances. The values given herein are typical values obtained in accordance with accepted test methods and subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes.

