



## RS.IS.1023

**Type of Product:** Insulating Fire Brick (Grade :23 )

### Physical Properties:

Max Service Temperature (°C)	1260
Bulk Density (Kg/m <sup>3</sup> )	900-1000
Cold Crushing Strength (Kg/Cm <sup>2</sup> )	≥ 25
Modulus of Rupture (Kg/Cm <sup>2</sup> )	≥ 10
Linear shrinkage after reheating at 1180°C for 24 hours (%)	< 2

### Thermal Conductivity (Kcal/m.h.°C):

@ 400 °C	0.33 – 0.35
@ 600 °C	0.36 – 0.38

### Chemical Analysis (%):

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>
38 <	50 - 54	1.5 - 2

- The above data are typical of the properties of commercial standard brick.
- The data are subject to reasonable variations and therefore should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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