



## RS.IS.823

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

### Physical Properties:

Max Service Temperature (°C)	1260
Bulk Density (Kg/m <sup>3</sup> )	800 - 900
Cold Crushing Strength (Kg/Cm <sup>2</sup> )	≥ 17
Modulus of Rupture (Kg/Cm <sup>2</sup> )	≥ 8
Linear shrinkage after reheating at 1180°C for 24 hours (%)	< 2

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

@ 400 °C	0.29 - 0.31
@ 600 °C	0.32 - 0.34

### Chemical Analysis (%):

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>
33 - 36	56 - 59	2.5 - 3

- 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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