



RS.IS.523

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

Physical Properties:

Max Service Temperature (°C)	1260
Bulk Density (Kg/m ³)	500-550
Cold Crushing Strength (Kg/Cm ²)	≥ 10
Modulus of Rupture (Kg/Cm ²)	≥ 5
Linear shrinkage after reheating at 1180°C for 24 hours (%)	<2

Thermal Conductivity (Kcal/m.h.°C):

@ 400 °C	0.19-0.21
@ 600 °C	0.22-0.24

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃
37<	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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