



RS.IS.1024

Type of Product: Insulating Fire Brick (Grade : 24)

Physical Properties:

Max Service Temperature (°C)	1320
Bulk Density (Kg/m ³)	950 -1050
Cold Crushing Strength (Kg/Cm ²)	≥ 27
Modulus of Rupture (Kg/Cm ²)	≥ 10
Linear shrinkage after reheating at 1250°C for 24 hours (%)	< 2

Thermal Conductivity (Kcal/m.h.°C):

@ 400 °C	0.34 - 0.36
@ 600 °C	0.37 - 0.39

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃
40 <	50 - 53	≤ 1

- 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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