



RS.IS.1030

Type of Product: Insulating Fire Brick (Grade : 30)

Physical Properties:

Max Service Temperature (°C)	1640
Bulk Density (Kg/m ³)	1000 -1100
Cold Crushing Strength (Kg/Cm ²)	≥ 30
Modulus of Rupture (Kg/Cm ²)	≥ 10
Linear shrinkage after reheating at 1510°C for 24 hours (%)	< 2

Thermal Conductivity (Kcal/m.h.°C):

@ 400 °C	0.41 – 0.43
@ 600 °C	0.44 – 0.46

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃
71 - 74	22 - 25	≤ 0.7

- 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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