



RS.IS.826

Type of Product: Insulating Fire Brick (Grade : 26)

Physical Properties:

Max Service Temperature (°C)	1420
Bulk Density (Kg/m ³)	780 - 850
Cold Crushing Strength (Kg/Cm ²)	≥ 15
Modulus of Rupture (Kg/Cm ²)	≥ 7
Linear shrinkage after reheating at 1350°C for 24 hours (%)	< 2

Thermal Conductivity (Kcal/m.h.°C):

@ 400 °C	0.30 – 0.32
@ 600 °C	0.33 – 0.35

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃
50 - 54	43 - 47	≤ 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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