



RS.IS.826LI

Type of Product: Insulating Fire Brick (Grade : 26-Low iron)

Physical Properties:

| | |
|-------------------------------------------------------------|-----------|
| Max Service Temperature (°C) | 1420 |
| Bulk Density (Kg/m ³) | 800 - 890 |
| Cold Crushing Strength (Kg/Cm ²) | ≥ 18 |
| 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 | 0.31 - 0.33 |
| @ 600 °C | 0.35 - 0.37 |

Chemical Analysis (%):

| Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ |
|--------------------------------|------------------|--------------------------------|
| 47 - 51 | 45 - 48 | ≤ 0.9 |

- 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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