



RS.IS.723

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

Physical Properties:

| | |
|---|-----------|
| Max Service Temperature (°C) | 1260 |
| Bulk Density (Kg/m ³) | 680 - 750 |
| Cold Crushing Strength (Kg/Cm ²) | ≥ 13 |
| Modulus of Rupture (Kg/Cm ²) | ≥ 6 |
| Linear shrinkage after reheating at 1180°C for 24 hours (%) | < 2 |

Thermal Conductivity (Kcal/m.h.°C):

| | |
|----------|-------------|
| @ 400 °C | 0.26 - 0.28 |
| @ 600 °C | 0.29 - 0.31 |

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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