



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



IRMAG GR6 F

| | |
|-------------------------------------|---|
| Classification: | Resin bonded magnesia-carbon brick |
| Main Raw Material Component: | Fused magnesia and flake graphite |
| Type Of Bond: | Chemical Bonded |
| Main Applications: | For the wall and bottom of steel ladles |

| Chemical Composition (Calcined base) | | | |
|--|------|----------------------------------|--|
| MgO % | CaO% | Fe ₂ O ₃ % | C % (Firing in red. atm. at 1000°C) |
| 98 | 0.9 | 0.5 | > 6 |

| Physical Properties | | |
|-------------------------------|--------------------|-----------|
| Bulk density | gr/cm ³ | 2.95-3.10 |
| Cold crushing strength | kg/cm ² | 400-550 |
| Apparent porosity | % | < 5 |

The above data are typical of the properties of commercial Standard brick .

The data are subject to reasonable variation and therefore should not be used for Specification purposes. They may not be regarded as committed specifications and therefore not as guaranteed properties .

ASTM Test Methods, where applicable, used for determination of data.

Revision:3

Date of issue: 1397/08/15

Code: IRF-ST-Q-860-19

Revision:00