



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



IRMAG GR7 FHX

Classification:	Resin bonded magnesia-carbon brick
Main Raw Material Component:	Fused magnesia and flake graphite with addition of antioxidants
Type Of Bond:	Chemical Bonded
Main Applications:	For slag line of LF steel ladles and EAF hot spot zone.

Chemical Composition (Calcined base)			
MgO %	CaO %	Fe ₂ O ₃ %	C % (Firing in red. atm. at 1000°C)
97 – 98	0.8 – 1.2	0.3 – 0.5	> 7

Physical Properties		
<i>Bulk density</i>	gr/cm ³	2.95-3.05
<i>Cold crushing strength</i>	kg/cm ²	450-550
<i>Apparent porosity</i>	%	< 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:1

Date of issue: 1397/08/15

Code: IRF-ST-Q-860-19

Revision:00