



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



IRALMAG MZ

Classification:	Alumina - Magnesia Brick
Main Raw Material Component:	Fused Alumina , high grade magnesia and flake graphite with addition of antioxidants
Type Of Bond:	Chemical Bonded
Main Applications:	For the wall and bottom of steel ladles

Chemical Composition (Calcined base)						
Al ₂ O ₃ %	MgO %	CaO%	Fe ₂ O ₃ %	SiO ₂ %	TiO ₂ %	C % (Firing in red. atm. at 1000°C)
85	10	0.5	0.5	1.5	1.0	> 7

Physical Properties		
Bulk density	gr/cm ³	3.10-3.30
Cold crushing strength	kg/cm ²	500-800
Apparent porosity	%	4-8

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.

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