



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



MAGNAMI 90 CP

Temperature Service:	1730 °C
Classification:	Dry ramming mix made from dead burned magnesite.(Ceramic Bonded)
Main Raw Material Component:	Dead Burned Magnesia
Type Of Bond:	Ceramic
Grain Size:	0 – 6 mm
Dry Material Required:	2700 Kg/m ³
Features and Main Applications:	Ramming mix manufactured from dead-burned magnesite for universal application in the steel- and nonferrous metal industries. Necessary for quickly setting is a heat up from the mix solid. Recommended for first installation of hearths of Open – Hearth and Electric Arc Furnaces. (Cold Repairs)

Chemical Composition (Calcined base)				
MgO %	Fe ₂ O ₃ %	CaO %	SiO ₂ %	Al ₂ O ₃ %
91.5-92.5	< 0.6	2.0-3.0	2.5-3.5	0.6

Thermomechanical Properties		
<i>After drying at 110 °C</i>		
Bulk Density	(Kg/m ³)	> 2700

All data based on cast specimens. ASTM procedures, where applicable, used for determination of data.

For data of vibration cast or gunned, consult our sales & Engineering service's experts.

All data subject to reasonable deviations, and therefore, should not be used for specification purposes. ASTM Test Methods, where applicable, used for determination of data.

Revision:2

Date of issue: 1397/09/05

Code: IRF-ST-Q-860-19

Revision:00