



DATA SHEET

ITEM No	Top Grade Magnesia Hercynite Brick---MH-90	
Physical Property:		
Bulk Density(g/cm3)	≥	3.00
Apparent Porosity(%)	≤	16
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1700
Thermal Expansion(1200°C)(%)	*	1.5
Thermal Conductivity (1200°C)(W/m.K)	≤	2.8
Thermal Shock Resistance(950°C,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	90
Al ₂ O ₃	*	3-7
Fe ₂ O ₃	*	3-6
CaO	*	1.4
SiO ₂	*	0.85
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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