



DATA SHEET

ITEM No	High Grade Magnesia Spinel Brick---MS-85	
Physical Property:		
Bulk Density(g/cm ³)	≥	3.00
Apparent Porosity(%)	≤	15-18
Cold Crushing Strength(MPa)	≥	45
Refractoriness Under Load(T0.6 °C)	≥	1650
Thermal Expansion(1400 °C)(%)	*	1.3
Thermal Conductivity (1100 °C)(W/m.K)	≤	2.8
Thermal Shock Resistance(950 °C,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	80-85
Al ₂ O ₃	*	13-16
CaO	*	1.2
Fe ₂ O ₃	*	0.8
SiO ₂	*	0.6
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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