



DATA SHEET

ITEM No	Standard Grade Magnesia Spinel Brick---(RT-MA-80A)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.95
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1650
Thermal Expansion(1400℃)(%)	*	1.2
Thermal Conductivity (1000℃)(W/m.K)	≤	2.9
Thermal Shock Resistance(950℃ ,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	80
Al2O3	*	8-12
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

Henan Ruitai Refractory Materials Technology Co.,Ltd

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DATA SHEET

ITEM No	Standard Grade Magnesia Spinel Brick---(RT-MA-80B)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.90
Cold Crushing Strength(MPa)	≥	55
Refractoriness Under Load(T0.6 °C)	≥	1600
Thermal Expansion(1400℃)(%)	*	1.2
Thermal Conductivity (1000℃)(W/m.K)	≤	2.9
Thermal Shock Resistance(950℃ ,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	80
Al2O3	*	8-12
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ITEM No	Standard Grade Magnesia Spinel Brick---(RT-MA-80C)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.85
Cold Crushing Strength(MPa)	≥	50
Refractoriness Under Load(T0.6 °C)	≥	1580
Thermal Expansion(1400℃)(%)	*	1.2
Thermal Conductivity (1000℃)(W/m.K)	≤	2.9
Thermal Shock Resistance(950℃ ,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	80
Al2O3	*	8-12
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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