



DATA SHEET

ITEM No	Magnesite Alumina Zircon Brick---(RT-MAZL-85)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.95
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 ℃)	≥	1700
Thermal Expansion(1400℃)(%)	*	1.5
Thermal Conductivity (1000℃)(W/m.K)	≤	3.4
Thermal Shock Resistance(950℃,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	85
Al2O3	≥	5.0
SiO2	≤	1.0
ZrO2	*	1.0-3.0
La2O3	*	1.0-3.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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DATA SHEET

ITEM No	Magnesite Alumina Zircon Brick---(RT-MAZL-80)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.90
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	50
Refractoriness Under Load(T0.6 °C)	≥	1650
Thermal Expansion(1400℃)(%)	*	1.4
Thermal Conductivity (1000℃)(W/m.K)	≤	3.4
Thermal Shock Resistance(950℃,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	80
Al2O3	≥	5.0
SiO2	≤	2.0
ZrO2	*	1.0-3.0
La2O3	*	1.0-3.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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