



DATA SHEET

ITEM No	High Grade Magnesite Hercynite Brick---(RT-MAFe-82A)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.95
Apparent Porosity(%)	≤	17
Cold Crushing Strength(MPa)	≥	65
Refractoriness Under Load(T0.6 °C)	≥	1650
Thermal Expansion(1400℃)(%)	*	1.4
Thermal Shock Resistance(950℃ ,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	82
Al2O3	*	11-13
Fe2O3	*	1.5-3.0
SiO2	≤	1.5
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

Henan Ruitai Refractory Materials Technology Co.,Ltd

ADD:26km away from Zhengzhou International Airport,
Zhengzhou 451100,Henan, China

Tel:0086-371-62586888 Fax:0086-671-62585779

Website: www.ruitairefractories.com Email: ruitairefractories@163.com



DATA SHEET

ITEM No	High Grade Magnesite Hercynite Brick---(RT-MAFe-82B)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.92
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1600
Thermal Expansion(1400℃) (%)	*	1.3
Thermal Shock Resistance(950℃ ,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	82
Al2O3	*	11-13
Fe2O3	*	1.5-3.0
SiO2	≤	2.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

Henan Ruitai Refractory Materials Technology Co.,Ltd

ADD:26km away from Zhengzhou International Airport,
Zhengzhou 451100,Henan, China

Tel:0086-371-62586888 Fax:0086-671-62585779

Website: www.ruitairefractories.com Email: ruitairefractories@163.com



DATA SHEET

ITEM No	High Grade Magnesite Hercynite Brick---(RT-MAFe-82C)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.90
Apparent Porosity(%)	≤	19
Cold Crushing Strength(MPa)	≥	55
Refractoriness Under Load(T0.6 °C)	≥	1550
Thermal Expansion(1400℃) (%)	*	1.2
Thermal Shock Resistance(950℃ ,Air)(Cycles)	≥	100
Chemical Analysis(%)		
MgO	≥	82
Al2O3	*	11-13
Fe2O3	*	1.5-3.0
SiO2	≤	2.5
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

Henan Ruitai Refractory Materials Technology Co.,Ltd

ADD:26km away from Zhengzhou International Airport,
Zhengzhou 451100,Henan, China

Tel:0086-371-62586888 Fax:0086-671-62585779

Website: www.ruitairefractories.com Email: ruitairefractories@163.com