



DATA SHEET

ITEM No	Magnesia Zircon Brick---(RT-MF-65)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.65
Apparent Porosity(%)	≤	19
Cold Crushing Strength(MPa)	≥	50
Refractoriness Under Load(T0.6 °C)	≥	1650
Chemical Analysis(%)		
MgO	≥	65
SiO2	≤	20-25
ZrO2	≤	*
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Checker Chamber		

Henan Ruitai Refractory Materials Technology Co.,Ltd

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Zhengzhou 451100,Henan, China

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DATA SHEET

ITEM No	Magnesia Zircon Brick---(RT-MF-60)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.65
Apparent Porosity(%)	≤	19
Cold Crushing Strength(MPa)	≥	50
Refractoriness Under Load(T0.6 °C)	≥	1600
Chemical Analysis(%)		
MgO	≥	65
SiO2	≤	25-30
ZrO2	≤	*
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Checker Chamber		

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DATA SHEET

ITEM No	Magnesia Zircon Brick---(RT-MF-70)	
Physical Property:		
Bulk Density(g/cm3)	≥	3.00
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	45
Refractoriness Under Load(T0.6 °C)	≥	1600
Chemical Analysis(%)		
MgO	≥	72
SiO2	≤	10
ZrO2	≤	12
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Checker Chamber		

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DATA SHEET

ITEM No	Magnesia Zircon Brick---(RT-MF-75)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.95
Apparent Porosity(%)	≤	17-19
Cold Crushing Strength(MPa)	≥	45
Refractoriness Under Load(T0.6 °C)	≥	1630
Chemical Analysis(%)		
MgO	≥	75
SiO2	≤	7
ZrO2	≤	10
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Checker Chamber		

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DATA SHEET

ITEM No	Magnesia Zircon Brick---(RT-MF-80)	
Physical Property:		
Bulk Density(g/cm3)	≥	2.90
Apparent Porosity(%)	≤	17-19
Cold Crushing Strength(MPa)	≥	50
Refractoriness Under Load(T0.6 °C)	≥	1650
Chemical Analysis(%)		
MgO	≥	82
SiO2	≤	3
ZrO2	≤	8
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Checker Chamber		

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