



DATA SHEET

ITEM No	High Grade Magnesite Brick---(RT-HM-92)	
Physical Property:		
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1550
Permanent Linear Change (1650℃×2h) (%)	*	-0.5-0
Thermal Conductivity (1000℃)(W/m.K)	≤	3.0
Chemical Analysis(%)		
MgO	≥	92
SiO2	≤	*
CaO	≤	3
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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DATA SHEET

ITEM No	High Grade Magnesia Brick---(RT-HM-95)	
Physical Property:		
Apparent Porosity(%)	≤	16
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1650
Permanent Linear Change (1650℃×2h) (%)	*	-0.3-0
Thermal Conductivity (1000℃)(W/m.K)	≤	3.8
Chemical Analysis(%)		
MgO	≥	95
SiO2	≤	2.0
CaO	≤	2.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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ITEM No	High Grade Magnesia Brick---(RT-HM-97)	
Physical Property:		
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1670
Permanent Linear Change (1650℃×2h) (%)	*	-0.2-0
Thermal Conductivity (1000℃)(W/m.K)	≤	2.9
Chemical Analysis(%)		
MgO	≥	97.5
SiO2	≤	0.8
CaO	≤	1.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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ITEM No	High Grade Magnesia Brick---(RT-HM-98)	
Physical Property:		
Apparent Porosity(%)	≤	16
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1700
Permanent Linear Change (1650℃×2h) (%)	*	-0.2-0
Thermal Conductivity (1000℃)(W/m.K)	≤	4.0
Chemical Analysis(%)		
MgO	≥	92
SiO2	≤	*
CaO	≤	3
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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