



DATA SHEET

ITEM No	Low Porosity Fireclay Brick---(RT-DN-12)	
Physical Property:		
Apparent Porosity(%)	≤	10-12
Cold Crushing Strength(MPa)	≥	68
Refractoriness Under Load(T0.6 °C)	≥	1500
Permanent Linear Change (1650℃×2h) (%)	*	0.05-0.1
Chemical Analysis(%)		
Al2O3	≥	45
Fe2O3	≤	1.2
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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DATA SHEET

ITEM No	Low Porosity Fireclay Brick---(RT-DN-15)	
Physical Property:		
Apparent Porosity(%)	≤	15
Cold Crushing Strength(MPa)	≥	58.5
Refractoriness Under Load(T0.6 °C)	≥	1470
Permanent Linear Change (1650 °C×2h) (%)	*	0-0.2
Chemical Analysis(%)		
Al2O3	≥	42
Fe2O3	≤	1.5
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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DATA SHEET

ITEM No	Large Fireclay Brick---(RT-DN-40A)	
Physical Property:		
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	49
Refractoriness Under Load(T0.6 °C)	≥	1450
Permanent Linear Change (1650℃×2h) (%)	*	-0.4-0
Chemical Analysis(%)		
Al2O3	≥	40
Fe2O3	≤	1.5
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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ITEM No	Large Fireclay Brick---(RT-DN-40B)	
Physical Property:		
Apparent Porosity(%)	≤	18
Cold Crushing Strength(MPa)	≥	34.3
Refractoriness Under Load(T0.6 °C)	≥	1400
Permanent Linear Change (1650℃×2h) (%)	*	-0.4-0
Chemical Analysis(%)		
Al2O3	≥	40
Fe2O3	≤	1.8
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Glass Tank		

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