



DATA SHEET

ITEM No	Insulating Fire Brick--RTM23	
Physical Property:		
Classification Temp (°F/°C)	≥	2300/1260
Bulk Density(g/cm ³)	≤	0.5
Thermal Conductivity(W/m.K)		
800℃	≤	0.18
1000℃	≤	0.20
Reheating Linear % Change(1230℃*12h)	≤	0.5
Chemical Analysis(%)		
Al ₂ O ₃	≥	45
Fe ₂ O ₃	≤	1
Note:All data are average values obtained at samples for laboratory purposes.		
ITEM No	Insulating Fire Brick--RTM26	
Physical Property:		
Classification Temp (°F/°C)	≥	2600/1430
Bulk Density(g/cm ³)	≤	0.8
Thermal Conductivity(W/m.K)		
800℃	≤	0.35
1000℃	≤	0.39
1200℃	≤	0.43
Reheating Linear % Change(1410℃*12h)	≤	0.7
Chemical Analysis(%)		
Al ₂ O ₃	≥	55
Fe ₂ O ₃	≤	0.7
Note:All data are average values obtained at samples for laboratory purposes.		

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DATA SHEET

ITEM No	Insulating Fire Brick--RTM28	
Physical Property:		
Classification Temp (°F/°C)	≥	2800/1540
Bulk Density(g/cm3)	≤	0.9
Thermal Conductivity(W/m.K)		
800℃	≤	0.37
1000℃	≤	0.41
1200℃	≤	0.46
Reheating Linear % Change(1510℃*12h)	≤	0.8
Chemical Analysis(%)		
Al2O3	≥	65
Fe2O3	≤	0.6
Note:All data are average values obtained at samples for laboratory purposes.		
ITEM No	Insulating Fire Brick--RTM30	
Physical Property:		
Classification Temp (°F/°C)	≥	3000/1650
Bulk Density(g/cm3)	≤	1.0
Thermal Conductivity(W/m.K)		
800℃	≤	0.39
1000℃	≤	0.43
1200℃	≤	0.48
Reheating Linear % Change(1550℃*12h)	≤	0.9
Chemical Analysis(%)		
Al2O3	≥	75
Fe2O3	≤	0.5
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