



DATA SHEET

ITEM No	Phosphaste Bonded t High Alumina Brick----RT-P	
Physical Property:		
Bulk Density(g/cm3)	≥	2.65
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1300
Thermal Conductivity (1000℃)(W/m.K)	≤	1.5
Refractoriness (℃)	≥	1780
Chemical Analysis(%)		
Al2O3	≥	70
Fe2O3	≤	3.2
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

Henan Ruitai Refractory Materials Technology Co.,Ltd

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DATA SHEET

ITEM No	Phosphaste Bonded t High Alumina Brick----RT-PA	
Physical Property:		
Bulk Density(g/cm3)	≥	2.70
Cold Crushing Strength(MPa)	≥	65
Refractoriness Under Load(T0.6 °C)	≥	1350
Thermal Conductivity (1000℃)(W/m.K)	≤	1.6
Refractoriness (℃)	≥	1780
Chemical Analysis(%)		
Al2O3	≥	77
Fe2O3	≤	3.2
Note:All data are average values obtained at samples for laboratory purposes.		
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DATA SHEET

ITEM No	Phosphaste Bonded t High Alumina Brick----RT-PK-75	
Physical Property:		
Bulk Density(g/cm3)	≥	2.75
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1430
Thermal Conductivity (1000℃)(W/m.K)	≤	1.5
Refractoriness (℃)	≥	1790
Chemical Analysis(%)		
Al2O3	≥	75
Fe2O3	≤	2.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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DATA SHEET

ITEM No	Phosphaste Bonded t High Alumina Brick----RT-PK-80	
Physical Property:		
Bulk Density(g/cm3)	≥	2.80
Cold Crushing Strength(MPa)	≥	65
Refractoriness Under Load(T0.6 °C)	≥	1450
Thermal Conductivity (1000℃)(W/m.K)	≤	1.6
Refractoriness (℃)	≥	1790
Chemical Analysis(%)		
Al2O3	≥	80
Fe2O3	≤	2.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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DATA SHEET

ITEM No	Phosphaste Bonded t High Alumina Brick----RT-PHR-80	
Physical Property:		
Bulk Density(g/cm3)	≥	2.80
Cold Crushing Strength(MPa)	≥	60
Refractoriness Under Load(T0.6 °C)	≥	1460
Thermal Conductivity (1000℃)(W/m.K)	≤	1.6
Refractoriness (℃)	≥	1790
Chemical Analysis(%)		
Al2O3	≥	80
Fe2O3	≤	2.0
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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DATA SHEET

ITEM No	Phosphaste Bonded t High Alumina Brick----RT-PHS	
Physical Property:		
Bulk Density(g/cm3)	≥	2.80
Cold Crushing Strength(MPa)	≥	80
Refractoriness Under Load(T0.6 °C)	≥	1500
Thermal Conductivity (1000℃)(W/m.K)	≤	1.6
Refractoriness (℃)	≥	1790
Chemical Analysis(%)		
Al2O3	≥	80
Fe2O3	≤	1.8
Note:All data are average values obtained at samples for laboratory purposes.		
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