



DATA SHEET

ITEM No	Standard Grade Mullite-SiC Brick----RT-GM-1680	
Physical Property:		
Bulk Density(g/cm3)	≥	2.65
Cold Crushing Strength(MPa)	≥	90
Refractoriness Under Load(T0.6 °C)	≥	1680
Thermal Conductivity (1000℃)(W/m.K)	≤	2.0
Abrasion Resistance(cc)	*	7.8
Thermal Shock Resistance (1100℃,Water)(Cycles)	≥	12
Chemical Analysis(%)		
Al2O3	≥	65
SiO2+SiC	≥	30
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	Standard Grade Mullite-SiC Brick----RT-GM-1650	
Physical Property:		
Bulk Density(g/cm3)	≥	2.60
Cold Crushing Strength(MPa)	≥	85
Refractoriness Under Load(T0.6 °C)	≥	1650
Thermal Conductivity (1000℃)(W/m.K)	≤	2.3
Abrasion Resistance(cc)	*	8.2
Thermal Shock Resistance (1100℃,Water)(Cycles)	≥	10
Chemical Analysis(%)		
Al2O3	≥	65
SiO2+SiC	≥	30
Note:All data are average values obtained at samples for laboratory purposes.		
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ITEM No	Standard Grade Mullite-SiC Brick----RT-GM-1550	
Physical Property:		
Bulk Density(g/cm3)	≥	2.50
Cold Crushing Strength(MPa)	≥	80
Refractoriness Under Load(T0.6 °C)	≥	1550
Thermal Conductivity (1000℃)(W/m.K)	≤	2.3
Abrasion Resistance(cc)	*	8.5
Thermal Shock Resistance (1100℃,Water)(Cycles)	≥	10
Chemical Analysis(%)		
Al2O3	≥	60
SiO2+SiC	≥	28
Note:All data are average values obtained at samples for laboratory purposes.		
Application:Cement Rotary Kiln		

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