



DATA SHEET

ITEM No	Ceramic Fiber Blanket-STD	
Physical Property:		
Classification Temperature °C	*	1260
Working Temperature °C	*	1050
Bulk Density(kg/m3)	*	64/96/128/160
Color	*	White
Thermal Conductivity(W/m.K) (128kg/m3)	800°C	0.15
	1000°C	0.17
	1200°C	--
Thermal Shrinkage % (128kg/m3)(24 hours,1250°C)	≤	3
Chemical Analysis(%)		
Al2O3	*	45-47
Al2O3+SiO2	*	98.5
Fe2O3	≤	0.4
Na2O+K2O	≤	0.3
CaO+MgO	≤	0.2
Note:All data are average values obtained at samples for laboratory purposes.		

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中国建材

瑞泰科技
RUITAI TECHNOLOGY**One-Stop Refractories Solutions & Service****DATA SHEET**

ITEM No	Ceramic Fiber Blanket-HP	
Physical Property:		
Classification Temperature °C	*	1260
Working Temperature °C	*	1100
Bulk Density(kg/m3)	*	64/96/128/160
Color	*	White
Thermal Conductivity(W/m.K) (128kg/m3)	800°C	0.176
	1000°C	0.22
	1200°C	--
Thermal Shrinkage % (128kg/m3)(24 hours,1250°C)	≤	3
Chemical Analysis(%)		
Al2O3	*	45-46
Al2O3+SiO2	*	99
Fe2O3	≤	0.3
Na2O+K2O	≤	0.3
CaO+MgO	≤	--
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ITEM No	Ceramic Fiber Blanket-HA	
Physical Property:		
Classification Temperature °C	*	1350
Working Temperature °C	*	1200
Bulk Density(kg/m3)	*	64/96/128/160
Color	*	White
Thermal Conductivity(W/m.K) (128kg/m3)	800°C	--
	1000°C	0.18
	1200°C	0.26
Thermal Shrinkage % (128kg/m3)(24 hours,1300°C)	≤	3.5
Chemical Analysis(%)		
Al2O3	*	53-55
Al2O3+SiO2	*	99
Fe2O3	≤	0.2
Na2O+K2O	≤	0.2
CaO+MgO	≤	0.2
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DATA SHET

ITEM No	Ceramic Fiber Blanket-HZ	
Physical Property:		
Classification Temperature °C	*	1450
Working Temperature °C	*	1350
Bulk Density(kg/m3)	*	64/96/128/160
Color	*	White
Thermal Conductivity(W/m.K) (128kg/m3)	800°C	--
	1000°C	0.23
	1200°C	0.31
Thermal Shrinkage % (128kg/m3)(24 hours,1350°C)	≤	3.5
Chemical Analysis(%)		
Al2O3	*	38-54
Al2O3+SiO2	*	82-90
ZrO2	*	10-18
Fe2O3	≤	0.2
Na2O+K2O	≤	0.2
CaO+MgO	≤	0.2
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