

ASTM TEST REPORT

Product Description and Product Code	1260C Ceramic Fiber Blanket 7200x610x25mm 128kg/m3		
<u>Standard</u>	<u>ASTM C892-00</u>		
Sampling Date	2009-08-26	Report Date	2009-08-30
Item	Unit	Requested Values	Actual Values
Non-fibrous content(shot)	%	≤ 30	10
Thermal Conductivity (heat surface 400°C)	W/m.K	0.060~0.080	0.064
Thermal Conductivity (heat surface 600°C)	W/m.K	0.080~0.095	0.088
Thermal Conductivity (heat surface 800°C)	W/m.K	0.100~0.130	0.116
Thermal Conductivity (heat surface 1000°C)	W/m.K	0.140~0.180	0.150
Shrinkage on Heating	% (1000°Cx24h)	≤ 5	2.2
Tensile strength	<u>KPa</u>	≥ 10.3	50
Density	Kg/m ³	108.8~166.4	128
Thickness	mm	21.8~44.1	26
Width	mm	608~620	612
Length	mm	≥ 7200	7230
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<p>Remarks: 1、 The report is valid only with the special seal of the quality inspection .</p> <p>2 、 If there are any disagreements ,declare in 15days.</p> <p>3、 It is invalid if altering。</p>			

QC Manager:

Approved by: Defeng Huang

Tested by : Chenling Lu

ASTM TEST REPORT

Product Description and Product Code	1260C Ceramic Fiber Blanket 3600x610x50mm 128kg/m ³		
<u>Standard</u>	<u>ASTM C892-00</u>		
Sampling Date	2009-08-26	Report Date	2009-08-30
Item	Unit	Requested Values	Actual Values
Non-fibrous content(shot)	%	≤ 30	10
Thermal Conductivity (heat surface 400°C)	W/m.K	0.060~0.080	0.064
Thermal Conductivity (heat surface 600°C)	W/m.K	0.080~0.095	0.088
Thermal Conductivity (heat surface 800°C)	W/m.K	0.100~0.130	0.116
Thermal Conductivity (heat surface 1000°C)	W/m.K	0.140~0.180	0.150
Shrinkage on Heating	% (1000°Cx24h)	≤ 5	2.2
Tensile strength	<u>KPa</u>	≥ 10.3	50
Density	Kg/m ³	108.8~166.4	128
Thickness	mm	43.6~69.6	51
Width	mm	608~620	610
Length	mm	≥ 3600	3640
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ASTM TEST REPORT

Product Description and Product Code	1260C Ceramic Fiber Board 900x600x25mm 300kg/m ³		
<u>Standard</u>	<u>ASTM C612-00</u>		
Sampling Date	2009-08-26	Report Date	2009-08-30
Item	Unit	Requested Values	Actual Values
Thermal Conductivity (heat surface 400°C)	W/m.K	0.040~0.075	0.057
Thermal Conductivity (heat surface 600°C)	W/m.K	0.080~0.104	0.084
Thermal Conductivity (heat surface 800°C)	W/m.K	0.100~0.137	0.102
Thermal Conductivity (heat surface 1000°C)	W/m.K	0.130~0.200	0.132
Shrinkage on Heating	% (1000°Cx24h)	≦ 4	3.0
Compress Strength	<u>KPa</u>	≧ 48	123
Density	Kg/m ³	≧ 320	301
Thickness	mm	21.8~31.4	26
Width	mm	593.6~606.4	602
Length	mm	887.3~912.7	903
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Sampling Date	2009-08-26	Report Date	2009-08-30
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Thermal Conductivity (heat surface 600°C)	W/m.K	0.080~0.104	0.084
Thermal Conductivity (heat surface 800°C)	W/m.K	0.100~0.137	0.102
Thermal Conductivity (heat surface 1000°C)	W/m.K	0.130~0.200	0.132
Shrinkage on Heating	% (1350°C x24h)	≦ 4	3.0
Compress Strength	<u>KPa</u>	≧ 48	123
Density	Kg/m ³	≦ 320	301
Thickness	mm	46.8~56.4	51
Width	mm	593.6~606.4	602
Length	mm	887.3~912.7	903
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ASTM TEST REPORT

Product Description and Product Code	1260C Ceramic Fiber Board 1200×1000×25mm 300kg/m ³		
<u>Standard</u>	<u>ASTM C612-00</u>		
Sampling Date	2009-08-26	Report Date	2009-08-30
Item	Unit	Requested Values	Actual Values
Thermal Conductivity (heat surface 400℃)	W/m.K	0.040~0.075	0.057
Thermal Conductivity (heat surface 600℃)	W/m.K	0.080~0.104	0.084
Thermal Conductivity (heat surface 800℃)	W/m.K	0.100~0.137	0.102
Thermal Conductivity (heat surface 1000℃)	W/m.K	0.130~0.200	0.132
Shrinkage on Heating	% (1000℃×24h)	≦4	3.0
Compress Strength	<u>KPa</u>	≧48	123
Density	Kg/m ³	≧320	301
Thickness	mm	21.8~31.4	25
Width	mm	993.6~1006.4	1004
Length	mm	1187.3~1212.7	1205
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