

KT Refractories US Company

Tel : 1-877-365-2995 Fax: 713-838-2248

ASTM TEST REPORT

Product Description and Product Code	1260C Ceramic Fiber Blanket 7200x610x25mm 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	21.8~44.1	26
Width	mm	608~620	612
Length	mm	≥ 7200	7230
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Remarks: 1. The report is valid only with the special seal of the quality inspection. 2. If there are any disagreements, declare in 15 days. 3. It is invalid if altered.			

QC Manager:

Approved by: Defeng Huang

Tested by: Chenling Lu

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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 900×600×25mm 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°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°C×24h)	≦ 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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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°Cx24h)	≦ 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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Product Description and Product Code	1260C Ceramic Fiber Board 1200×1000×25mm 300kg/m ³		
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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	% (1000°C×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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