



CLIENT: Panasonic
15317 NE 90th St.
Redmond, WA. 98052
United States

Test Report No: 177:024252

Date: July 1, 2009

The following sample was submitted by the Client as: **Four Fiber Cement Cubes**

DATE OF RECEIPT: June 30, 2009

TESTING DATE: July 1, 2009

AUTHORIZATION / P0# Pre-Paid with Credit Card

TESTS REQUESTED: The submitted sample was tested in accordance with the procedures outlined in ASTM E136-09, "Standard Test Method for Behavior of Materials in a Vertical Tube Furnace of 750°C".

CONCLUSION: The submitted sample **complies** with the requirements as specified in ASTM E136-09.

PREPARED BY:

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SIGNED FOR AND ON BEHALF OF **SGS U.S. TESTING COMPANY, INC.**

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TEST RESULTS:

Sample Identification: Four Fiber Cement Cubes Four Fiber Cement Cubes

Specimen	Furnace Temperature, °F	Maximum Surface Thermocouple, °F	Maximum Interior Thermocouple, °F	Weight Loss, Percent
1	1382 F°	1320 °F	1290 °F	32.9
2	1382 F°	1310 °F	1270 °F	33.6
3	1382 F°	1280 °F	1280 °F	33.8
4	1382 F°	1300 °F	1270 °F	32.8

OBSERVATIONS: The samples had discoloration after testing, going from grey to beige

REQUIREMENTS:

Criteria: When the weight loss of the specimen is 50% or less the temperature of the surface and interior thermocouples does not, at any time during the test, rise more than 54°F above the furnace air temperature (1382°F), there shall be no flaming from the specimen after the first 30 seconds. Also, when the weight loss of the specimen during testing exceeds 50%, the recorded temperature of the surface and interior thermocouples do not at any time during the test rise above the furnace air temperature at the beginning of the test, and there is no flaming of the specimen.

	<u>Original Weight in Grams</u>	<u>Final Weight in Grams</u>
1	95.989 grams	64.381 grams
2	96.320 grams	63.986 grams
3	96.170 grams	63.700 grams
4	94.910 grams	63.812 grams

End of Report