



**CLIENT: PLUMBEREX SPECIALTY PRODUCTS, INC.**

P.O. Box 1684  
Palm Springs, CA 92263  
Attn: Gabe Lechuga Sr.

**Test Report No: 914:014967**

**Date: August 31, 2008**

**SAMPLE ID:** The Client submitted and identified five pieces of Plumberex insulation material, white, measuring approximately 12 inches square by 1/8-inch thick.

**DATE OF RECEIPT:** The samples were received at SGS U.S. Testing Company on August 21, 2008 as sample tracking number 43401.

**TESTING PERIOD:** August 26 through 29, 2008.

**AUTHORIZATION:** Signed Order Confirmation dated August 22, 2008.

**TESTS REQUESTED:** Water Absorption per ASTM D 570-98 (Reapproved 2005), "Standard Test Method for Water Absorption of Plastics", 24 hour immersion.

**TEST RESULTS:** See page 2 of this report for detailed results.

**ACCREDITATIONS:** International Accreditation Service (IAS) No. TL 220. City of Los Angeles RR No. 22277.

**Prepared By:**

Larry Burmer  
Project Specialist

**Signed for and on behalf of  
SGS U.S. Testing Company Inc.**

Greg Wrona  
Manager, Building Materials

Page 1 of 2

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Page 2 of 2

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**WATER-ABSORPTION TEST PER ASTM D 570-98 (Reapproved 2005)**

**Procedure:** Three 1-inch by 3-inch free-film specimens were cut from each of the five samples and conditioned in an oven maintained at 122°F for 24 hours. The specimens were removed from the oven, cooled in a desiccator and weighed. The specimens were then placed on edge in 73°F distilled water for a period of 24 hours. After 24 hours of submersion, the specimens were individually removed, dried to remove surface water and reweighed. The percentage of water absorbed for the 24-hour period was calculated as outlined in the referenced ASTM D 570 Standard as the final weight less the conditioned weight divided by the conditioned weight multiplied by 100.

**Results:**

| <u>Specimen #</u> | <u>Water Absorption (%)</u> |
|-------------------|-----------------------------|
| 1                 | 27                          |
| 2                 | 41                          |
| 3                 | 25                          |
| 4                 | 25                          |
| 5                 | 34                          |
| Average           | 30                          |

\*\*\*\*\*

End of Report