



SGS U.S. Testing Company Inc.

1341 North 108th East Avenue • Tulsa, OK 74116 • Tel: 918-437-8333 • Fax: 918-437-8487

CLIENT: Bonded Logic Inc.
411 East Ray Road
Chandler, AZ 85226

Attn: Scott Tomkinson

Test Report No: 174369-3**Date:** March 3, 2003**SUBJECT:** ASTM C 1104, Water Vapor Sorption.**SAMPLE ID:** Samples identified by the client as "Batting insulation" was received from the client on 1/29/03. The samples were received in good condition.**PROCEDURE:** The material was tested in accordance with ASTM Standard C1104. No revisions to this report will be allowed 90 days of the report date.**TEST DATES:** 2/19/03.**RESULTS:** Test results are on the following page.**CONCLUSION:** The material does comply with all the requirements of ASTM Standard C1104.**CERTIFICATION:** The tests reported here were conducted under the continuous direct supervision of SGS U.S. Testing Company Inc., Tulsa, OK.

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

Jeff Simmons

Manager Laboratory Operations

Dale E. Holloway

Branch Manager Laboratory Operations

Page 1 of 2

This report is issued by SGS U.S. Testing Company Inc. under its General Conditions for Testing Services, as printed on reverse side. SGS U.S. Testing's responsibility under this report is limited to proven negligence and will in no case be more than the amount of the testing fees. Except by special arrangement, samples are not retained by SGS U.S. Testing for more than 30 days. The results shown on this test report refer only to the sample(s) tested unless otherwise stated, under the conditions agreed upon. Anyone relying on this report should understand all of the details of the engagement. Neither the name, seals, marks nor insignia of SGS U.S. Testing may be used in any advertising or promotional materials without the prior written approval of SGS U.S. Testing. The test report cannot be reproduced, except in full, without prior written permission of SGS U.S. Testing Company Inc.



SGS U.S. Testing Company Inc.

Report No.: 174369-3

Bonded Logic, AZ

Water Vapor Sorption

Pass

<u>Sample</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>Formula</u>
A. Initial Weight, g:	19.62	18.36	18.15	
B. Moisture Free Wt., g:	18.86	17.66	17.67	
C. Bag Weight, g:	5.54	6.26	5.60	
D. Final Bag + Sample Wt., g:	24.62	24.13	13.30	
E. Final Sample Wt.:	19.08	17.87	17.70	(D-C)
F. Water Absorption %:	1.2	1.2	0.2	((E-B)/B)x100
Avg. Water Absorption, %:		0.9		
Required, %:		5% max.		

Page 2 of 2

End of Report