FMV Safety Standard 302
(49 CFR Ch. V, Part 571.302) 1999

FLAMMABILITY OF INTERIOR MATERIALS

TEST REPORT

Client:	Alcan Composites USA, Inc.
Address:	PO Box 507, 208 W. 5th Street Benton, KY 42025
Received Date:	March 3, 2003
Test Date:	March 13, 2003
Report Date:	March 13, 2003
Project No:	15632-113560
Sample Identification:	3mm Dibond
Description:	Aluminum composite panel with 0.012" aluminum skins and a polyethylene core material *The test specimen identification is as provided by the client and Omega Point Laboratories, Inc. accepts no responsibility for any inaccuracies therein. Omega Point did not select the specimen and has not verified the composition, manufacturing techniques or quality assurance procedures.*
Sample Conditioning:	24 h at 73 ±5°F, 50 ±5% r.h.
Sample Preparation:	The specimens were tested as received.
Specimens Dimensions:	4" x 14"x 0.118"

Summary of Test Method

The specimens were conditioned as shown above, removed from the conditioning and placed in a horizontal frame specimen holder. A gas burner with a nominal 3/8 inch I.D. tube was adjusted to give a flame of 1.5 inches in height. The specimen was positioned such that its surface was 3/4 inch above the top edge of the burner tube, with the flame centered on the specimen's edge. The flame is applied for 15 seconds and then removed. The timing device is started when the flame reaches the timing zone mark. The timing zone mark is 1.5 inches from the edge of the specimen. The timing zone is used to determine the burning rate of the specimen.

Test Criteria

The burning rate must not be more than 102 mm per minute. If a material stops burning before it has burned for 60 seconds from the start of timing, and has not burned more than 51 mm from the point where timing started, it is considered passing.

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TEST RESULTS

Specimen	Time (T) (sec.)	Extent of Burning (D) (mm)	Burning Rate (mm/min.)
1	N/A*	N/A*	N/A*
2	N/A*	N/A*	N/A*
3	N/A*	N/A*	N/A*

The following formula is used to calculate the burning rate:

$$B = 60 (D/T)$$

* *This data is not available because the sample did not ignite.*

THIS TEST SPECIMEN PASSED THE FMVSS 302 FIRE TEST.

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This report contains a total of two pages.

Servando Romo
Fire Test Technologist

Date: 3-13-03

Reviewed and approved:

Majid Mehrafza
Research Engineer

Date: 3-13-03

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