

Vertical Burning Test - IEC-60695-11-10

Customer : Matrimol LTDA Microtek Job No. : 43178 Set No.: 3	Manufacturer: Matrimol LTDA Material: Matrimol Epoxy Resin Indoor Recipe C ANSI : Non-ANSI Color: GN Coating : Uncoated Nom. Sample Thk.: As Measured Avg. Sample Thk.: 11.901 mm
SOLDER LIMITS	
Temp/Time: N/Asec @ N/A°C	

Test Type Original	Sample No.	Sample Thk: (mm)	Afterflames		Afterglow t_3 (sec)	Sum of after flames ($t_1 + t_2$) (sec)	Sum of afterflame and afterglow ($t_2 + t_3$) (sec)	Did samples burn to the clamp?	Did the cotton ignite?
			t_1 (sec)	t_2 (sec)					
CONDITION A: 48 Hours 23 ± 2°C 50 ± 5% RH	1	11.895mm	0.0	0.0	0.0	0.0	0.0	No	No
	2	11.895mm	0.0	0.0	0.0	0.0	0.0	No	No
	3	11.898mm	0.0	0.0	0.0	0.0	0.0	No	No
	4	11.898mm	0.0	0.0	0.0	0.0	0.0	No	No
	5	11.899mm	0.0	0.0	0.0	0.0	0.0	No	No
CONDITION B: 168 Hours 70 ± 1°C	6	11.899mm	0.0	0.0	0.0	0.0	0.0	No	No
	7	11.903mm	0.0	0.0	0.0	0.0	0.0	No	No
	8	11.905mm	0.0	0.0	0.0	0.0	0.0	No	No
	9	11.910mm	0.0	0.0	0.0	0.0	0.0	No	No
	10	11.906mm	0.0	0.0	0.0	0.0	0.0	No	No

Test Results: Meets the requirements of IEC-60695-11-10 classification V-0

Criteria Conditions	Material Classifications		Test Results	
	V-0	V-1	Cond A	Cond B
Afterflame time for individual sample t_1 or t_2	≤10s	≤30s	0.0s	0.0s
Total afterflame time for any condition set (t_1 plus t_2 for the five specimens)	≤50s	≤250s	0.0s	0.0s
Afterflame plus afterglow time for each individual specimen after the second flame application ($t_2 + t_3$)	≤30s	≤60s	0.0s	0.0s
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No	No



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CERTIFICATE OF CONFORMANCE

Microtek Laboratories certifies that the test equipment used complies with the calibration requirements of ANSI/NCSL Z540-1, IPC-QL-653, and ISO/IEC-17025 and that the data contained in this report is accurate within the tolerance limitation of this equipment.

The materials and/or devices furnished on this order have been tested/analyzed/and inspected in accordance with all designated instructions and specifications. Physical reports and supporting records are on file and available for inspection at Microtek Laboratories for a period not less than five years. Tested samples will be stored at Microtek Laboratories for a period not less than two years unless the customer requests the release of the test samples.

All test procedures detailed are complete. If any additional information or clarification of this report is required, please contact us.

Thank you for selecting Microtek Laboratories for your testing requirements.

Report prepared by,

A handwritten signature in black ink, appearing to read 'Josephin Mazariegos'.

Josephin Mazariegos
Technical Assistant
MICROTEK LABORATORIES
Date: 2011-04-20

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Russ Shepherd'.

Russ Shepherd
Director PCB/PWB Test Programs
MICROTEK LABORATORIES
Date: 2011-04-20