

Advanced Plastic & Material Testing, Inc.

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CERTIFIED TEST REPORT

APM Report P220930

Prepared for:

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P.O. APMQ19091/VISA

Prepared by:


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Reviewed by:


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November 23, 2022

- Quality System:** APM Testing maintains a quality system in compliance with ISO 17025-2017.
- Procedures:** All tests and services are done in accordance with the APM Quality Manual, revised October 2018. Pratt & Whitney related work is also done in accordance with the PWA Manual F-23.
- Reproduction:** The information in this report represents only the material tested and may not be reproduced except in full without the written permission of APM Testing.
- Retention:** Samples are retained for 90 days minimum and then discarded unless otherwise specified by the client.
- Limited Liability:** APM Testing's liability to the client or any third party is limited to the amount charged for services provided.
- Signatures:** This report is considered an official copy only if signed by the individuals specified on the lines above.
- Decision Rule:** Unless otherwise specified, conformance to requirements is judged based on the actual value reported or the statistically derived value (median or mean) for replicate measurements even if the uncertainty (error band) of the value falls outside of the range.

SUMMARY

The sample **met** the flammability requirements of UL 94 5VA.

RECEIVED

One (1) sample for flammability testing:
Grey Bars and Plaques

FLAMMABILITY TEST RESULTS – PASS

Test Method:	UL 94 5VA, Sixth Edition
Test Conditions:	15 to 35 °C, <75% R.H.
Conditioning:	Lab: 48+ hours, 23±2 °C, 50±10% R.H. Oven: 168 hours, 70 °C and cooled in desiccator
Preparation:	As sent by client
Specimen:	Bars: 125 x 13 mm
Thickness:	Specimens 3.04 to 3.14 mm thick

Sample	Replicate	Afterflame Time, t1 (seconds)	Afterglow Time, t2 (seconds)	Specimen Ignited Cotton? (Yes/No)
Bar Specimen - Lab Preconditioned				
	1	1	1	No
	2	2	0	No
	3	0	0	No
	4	1	1	No
	5	0	0	No
	Maximum (t1 + t2)		2	
Bar Specimen - Oven Preconditioned				
	1	0	0	No
	2	2	1	No
	3	1	2	No
	4	0	0	No
	5	0	0	No
	Maximum (t1 + t2)		3	
Requirement	60 maximum			No
Each Specimen	t1 + t2			

FLAMMABILITY TEST RESULTS – PASS

Test Method:	UL 94 5VA, Sixth Edition
Test Conditions:	15 to 35 °C, <75% R.H.
Conditioning:	Lab: 48+ hours, 23±2 °C, 50±10% R.H. Oven: 168 hours, 70 °C and cooled in desiccator
Preparation:	As sent by client
Specimen:	Plaques: 150 x 150 mm
Thickness:	Specimens 2.97 to 3.14 mm thick

Sample	Replicate	Burn-through (hole) (Yes/No)
Plaque - Lab Preconditioned		
	1	No
	2	No
	3	No
Plaque - Oven Preconditioned		
	1	No
	2	No
	3	No
Requirement		No
Each Specimen		