



TTF Aerospace, LLC

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FLAMMABILITY DATA SHEET

PURCHASE ORDER NUMBER 4502723893	USAGE VERIFICATION TESTING
ITEM NUMBER 00020 PERMAGRIP PVC WHITE	MANUFACTURE/SUPPLIER GERBER SCIENTIFIC PRODUCTS
TEST NUMBER LAB13040	MODEL PROGRAM N/A

TEST LOCATION TTF AEROSPACE, LLC	BUILD-UP* ▶ PERMAGRIP PVC WHITE SAMPLES PREPRINTED WITH SPOT BLACK, WHITE, AND OLYMPIC BLUE SAMPLES APPLIED TO TTF SUPPLIED PHENOLIC LAMINATE PANEL SUBSTRATE 3" X 12" X 0.036" THICK
TEST DATE 2/21/2013	
FLAME TEMP (°F) 1698°F	
▶ = TEST FACE	

TEST METHOD - FAR 25.853(a)	
<input type="checkbox"/> F1 60 Sec-Vert. Appendix F, Part 1(a)(i) <input checked="" type="checkbox"/> F2 12 Sec-Vert. Appendix F, Part 1(a)(ii) <input type="checkbox"/> F3 15 Sec-Horiz. Appendix F, Part 1(a)(iv)	<input type="checkbox"/> F4 15 Sec-Horiz. Appendix F, Part 1(a)(v) <input type="checkbox"/> F5 30 Sec-45° Appendix F, Part 1(a)(2)(ii)

TEST VALUES							
SAMPLE NO	TEST METHOD	EXTING TIME (SEC.)	BURN LENGTH (IN.)	DRIP EXT. TIME (SEC.)	BURN TIME (SEC.)	BURN RATE (IN./MIN.)	AFTER GLOW (SEC.)
1	F2	4.0	1.5	No Drip			
2	F2	6.0	1.5	No Drip			
3	F2	5.0	1.4	No Drip			
AVG	F2	5.0	1.47	No Drip			

BURN DIRECTION:	WARP <input type="checkbox"/>	FILL <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
SMOKE:	SLIGHT <input checked="" type="checkbox"/>	MODERATE <input type="checkbox"/>	HEAVY <input type="checkbox"/> VERY HEAVY <input type="checkbox"/>

TESTED BY <i>[Signature]</i>	COMMENTS SAMPLES APPLIED TO CONDITIONED SUBSTRATE AT TIME OF TEST.
FAA WITNESS -----NA-----	
PASS <input checked="" type="checkbox"/> FAIL <input type="checkbox"/>	

* INCLUDE MATERIAL TYPE, CONSTRUCTION, SPECIFICATION, COLOR, ETC.

CONDITIONING CHAMBER REQUIREMENTS (24hrs. min.): TEMPERATURE 70°F ± 5°F / RELATIVE HUMIDITY 50% ± 5%			
TIME IN CHAMBER: 11:45 A.M.	DATE: 2/19/2013	TIME OUT OF CHAMBER: 10:02 A.M.	DATE: 2/21/2013