



TTF Aerospace, LLC

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FLAMMABILITY DATA SHEET

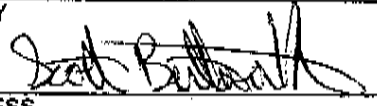
PURCHASE ORDER NUMBER 4502723893	USAGE VERIFICATION TESTING
ITEM NUMBER 00050 220 PVC WHITE	MANUFACTURE/SUPPLIER GERBER SCIENTIFIC PRODUCTS
TEST NUMBER LAB13043	MODEL PROGRAM N/A

TEST LOCATION TTF AEROSPACE, LLC	BUILD-UP*
TEST DATE 2/21/2013	▶ 220 PVC WHITE
FLAME TEMP (°F) 1698°F	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 FACE	

TEST METHOD – FAR 25.853(a)	
☐ F1 60 Sec-Vert. Appendix F, Part 1(a)(i)	☐ F4 15 Sec-Horiz. Appendix F, Part 1(a)(v)
☒ F2 12 Sec-Vert. Appendix F, Part 1(a)(ii)	☐ F5 30 Sec-45° Appendix F, Part 1(a)(2)(ii)
☐ F3 15 Sec-Horiz. Appendix F, Part 1(a)(iv)	

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	7.0	1.0	No Drip			
2	F2	5.0	1.0	No Drip			
3	F2	6.0	1.0	No Drip			
AVG	F2	6.0	1.0	No Drip			

BURN DIRECTION:	WARP ☐	FILL ☐	N/A ☒
SMOKE:	SLIGHT ☒	MODERATE ☐	HEAVY ☐ VERY HEAVY ☐

TESTED BY 	COMMENTS
FAA WITNESS NA	SAMPLES APPLIED TO CONDITIONED SUBSTRATE AT TIME OF TEST.
PASS ☒ FAIL ☐	
* 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: 10:56 A.M. DATE: 2/21/2013