

Received: 12/22/2009 Completed: 01/09/2010 Letter: S4 rb P.O.#: Test Report #: 2-81590-4-RV

Client's Identification Style: Holiday Flame Retardant Awning Fabric. Content: 100% Polyester. Width: 62". Finish: FR. Weight: 13.2 oz/yd<sup>2</sup>.  
End Use: Awning Fabric.

Tested For: **Key Test: CPAI 84 Sec. 6 RVNC**  
Marchem CFI  
500 Orchard Street  
New Haven, MO 63068  
Tel: 1-(573)-237-4444 Ext:  
Fax: 1-( )- -

PC: 24H-ME /md

TEST PERFORMED: CPAI 84 - A Specification for Flame Resistant Materials Used in Camping Tentage (1995 Revision) -- Section 6, Wall and Top Materials

RESULTS ARE REPORTED:

- Initially
- After 72 hours water leaching
- After 100 hours accelerated weathering,  
Option C: UV Fluorescent and Condensation Method

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 449 g/m<sup>2</sup>

CONDITIONING ATMOSPHERE AND TEMPERATURE:  50% RH and 21°C (70°F)  
 65% RH and 21°C (70°F)

CONVERSION FACTORS: mm ÷ 25 = inches  
g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

RESULTS:	Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Damaged Length (mm)
Length:	1	0	0	85
	2	0	0	83
	3	0	0	95
	4	0	0	85
Width:	5	0	0	85
	6	0	0	80
	7	0	0	99
	8	0	0	90
	Avg:	0	Avg:	88

REMARKS: None.

CONCLUSION: Based on the above Results and the Acceptance Criteria, the item tested:

Complies;  Does not comply



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ACCEPTANCE CRITERIA:	Afterflame (seconds)		Drip Burn (seconds)	Damaged Length (mm)	
	Max.Avg.	Max.Ind.	Max.Ind.Specimen	Max.Avg	Max.Ind.
[x] Over 340	2.0	4.0	0	115	255
[ ] Over 270 to 340	2.0	4.0	0	140	255
[ ] Over 200 to 270	2.0	4.0	0	165	255
[ ] Over 135 to 200	2.0	4.0	0	190	255
[ ] Over 50 to 135*	2.0	4.0	0	215	255
[ ] 50** or less	2.0	4.0	0	230	255

\* ALTERNATE PROCEDURE: For materials weighing less than 100 g/m<sup>2</sup> (2.9 oz/yd<sup>2</sup>), "individual specimen weight loss" may be substituted for "damaged length" measurements.

\*\* "NO-SEE-UM" TYPE NETTING OR MESH MATERIALS weighing less than 50 g/m<sup>2</sup> (1.5 oz/yd<sup>2</sup>) are exempted.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by CPAI 84 Section 6 Wall and Top Materials (1995 Revision).

*Heather E. Robertson*

RV.01.22.10 /mg

AUTHORIZED SIGNATURE  
THE GOVMARK ORGANIZATION, INC. / ec

**MS. HEATHER ROBERTSON**

JAN 26 2010

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