



# TEST REPORT

**CLIENT:**

Company:	GLOBAL SYN-TURF, INC.	Report Number:	79224
Address:	5960 Inglewood Dr, Ste 150	Lab Test Number:	3160-2096
	Pleasanton, CA 94588	Test Completion Date:	12/19/2019
		Report Date:	12/23/2019
Requested by:	Patricia Ochoa	Page:	1 of 1

**TEST MATERIAL:**

Material Type:	Artificial Ivy Privacy Panel			Date Received:	11/26/2019
Material Condition:	EXCELLENT:	XXX	GOOD:	POOR:	REJECTED:
MATERIAL ID:	Heart Leaf Ivy				

**Introduction:**

Testing Services Inc. was instructed by the client to perform fire testing for flame propagation on supplied test material. The purpose of the test was to determine the propagation of flame beyond the area exposed to an ignition source.

**Test Method:**

*NFPA 701-19: Standard Methods of Fire Tests for Flame Propagation of Textiles and Films: Test Method 1*

**Procedure:**

Ten specimens were die cut 5.9" X 15.75" from the sample lot. Each specimen was weighed in grams and numbered prior to testing. In an open face test cabinet, the specimen was suspended vertically from a pin bar. A gas flame was applied to the center of the lower edge of the specimen for 45 seconds and then withdrawn. The specimen were allowed to burn until the flame self-extinguishes and there is no further damage. The specimen was then removed from the test chamber, and after room conditioning (70F, 65% RH) weighed again. The percent weight loss was determined and used as a measure of total flame propagation and specimen damage.

**Parameters:**

*Pre-Test Conditioning:* 105° C for 1 hour was not conducted due to severe deformation of sample parts to heat. Instead, the parts were conditioned 24 hrs at 68°F 50% RH.

*Flame Application:* Methane Gas with a pressure of 2.5 psi at the flow gauge. Flame height of 4" was set prior to testing in a vertical position. Burner placed 1" from the face of the specimen and with the center axis of the burner horizontal and perpendicular to the bottom center of the specimen. Application time of 45 seconds.

*Test Cabinet:* U.S. Testing Flammability Cabinet: 26.6" X 27.5" X 19.7"

**Performance Criteria:**

Observation	Acceptance
Average Weight Loss	<40%
Floor Burn (Drips) Fragments/Residue	< 2 Seconds
Individual Specimen Percent Mass Loss	< 3 STDEV From Mean Value

**Test Data:**

Specimen	Weight (grams) Prior Exposure	Weight (grams) After Exposure	% Mass Loss	STDEV (Mean Mass Loss)	Floor Burn (Seconds)	After Flame (Seconds)	Pass/Fail
1	213.88	201.18	5.94	2.11	0	2	P
2	214.74	199.90	6.91	1.42	0	3	P
3	207.38	182.20	12.14	2.28	0	0	P
4	213.80	188.93	11.63	1.92	0	5	P
5	197.75	183.80	7.05	1.32	2	2	P
6	204.85	179.17	12.54	2.56	0	3	P
7	214.30	194.03	9.46	0.38	0	1	P
8	209.51	183.72	12.31	2.40	1	0	P
9	223.48	209.15	6.41	1.77	0	0	P
10	207.42	197.42	4.82	2.90	0	0	P
<b>AVERAGE</b>			8.92	1.91	0.3	1.6	

Notes: All specimens passed acceptance criteria for NFPA Test #1

Approved By:

Testing Services, LLC  
Erle Miles, President

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