

**CLIENT:** Gale Pacific USA, Inc.  
285 W. Central Pkwy, Suite 1704  
Altamonte Springs, FL 32714  
  
Attn: Susan Yuskaitis

<b>Test Report No:</b> 654:030608	<b>Date:</b> February 22, 2010
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**SUBJECT:** Testing to ASTM E-84

**SAMPLE ID:** Sample identified as "**Commercial 95**" was received from the client on 2/19/10 in good condition. The sample was described by the manufacturer of containing the following items:

- **Sample Description: Commercial 95**
- **Sample / Style Number: Commercial 95**
- **Material Content: Knitted HDPE**
- **Client PO: SY021609**

**TEST REQUESTED:** Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-09a, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The test procedure is equivalent to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

**PREPARATION:** The sample material was submitted in one roll and trimmed to fit dimensions of tunnel, measuring 21" by 24'. The sample was supported using rods and wire.

**TEST DATE:** 2/22/10

**RESULTS:** Results can be found on the following pages and apply only to the sample tested.

**CLASSIFICATION:** The sample received a '**Class A**' rating in accordance with the NFPA and IBC classification chart on page two of this report.

**SIGNED FOR AND ON BEHALF OF  
SGS U.S. TESTING COMPANY INC.**

  
Greg Ertel  
Engineering Technician

  
J. Brian McDonald  
Fire Technology Department Manager

**RESULTS:**

**SAMPLE:** Commercial 95

**TEST DATE:** 2/22/09

**DATA:**

<b><u>Ignition (minutes: seconds)</u></b>	00:06
<b><u>Flame Front (feet)</u></b>	4.0
<b><u>Time to Maximum Spread (minutes: seconds)</u></b>	7:00
<b><u>Flame Spread</u></b>	15
<b><u>Smoke Developed</u></b>	50

<b><u>NFPA Class</u></b>	<b><u>IBC Class</u></b>	<b><u>Flame Spread</u></b>	<b><u>Smoke Developed</u></b>
A	A	0 through 25	≤ 450
B	B	26 through 75	≤ 450
C	C	76 through 200	≤ 450

Total Test Time, (hr:min:sec): 0:10:00

**Building Codes Cited:**

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 2006 Edition.
2. International Building Code, 2006 Edition, Chapter 8, Interior Finishes, Section 803

**Observations:**

- Floor Burning
- Flaming / Dripping
- Melting

GRAPHICAL RESULTS:

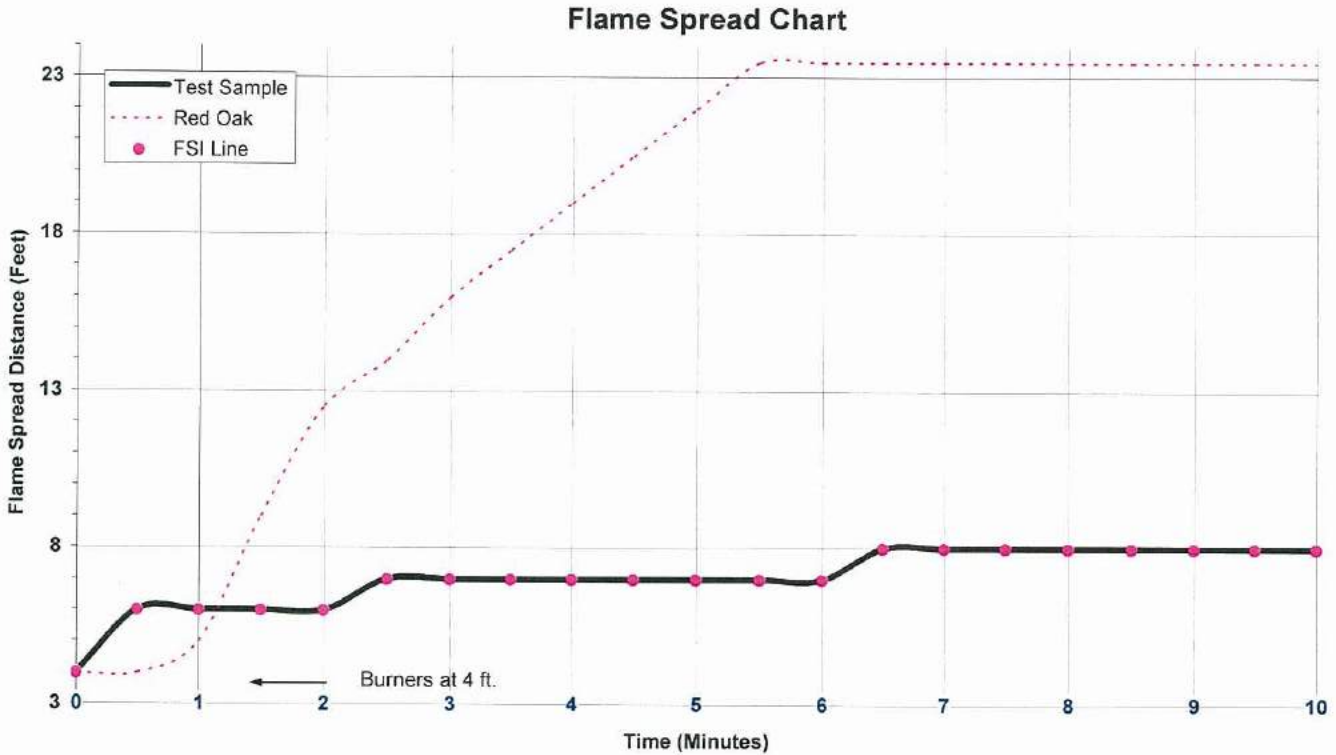


FIGURE 1. Flame Spread

GRAPHICAL RESULTS: (Cont.)

Smoke Developed Chart

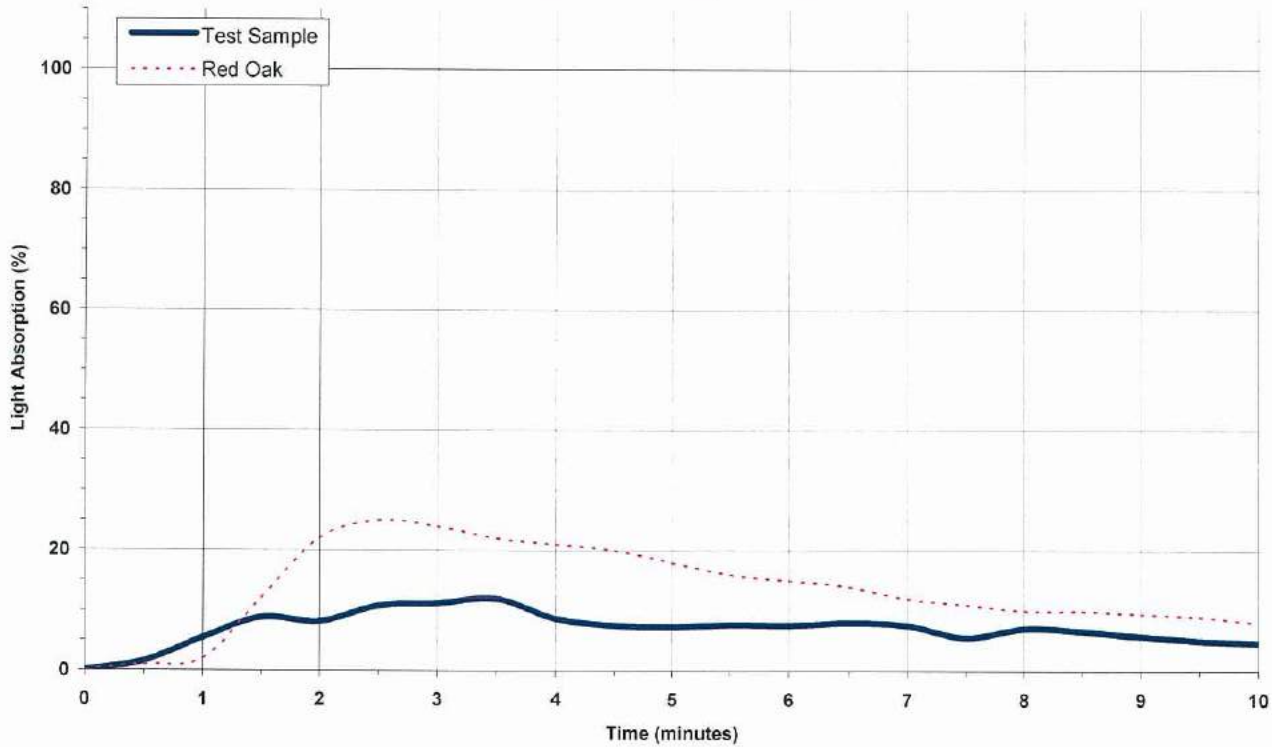


FIGURE 2. Smoke Developed

GRAPHICAL RESULTS: (Cont.)

Temperature - Time Curve

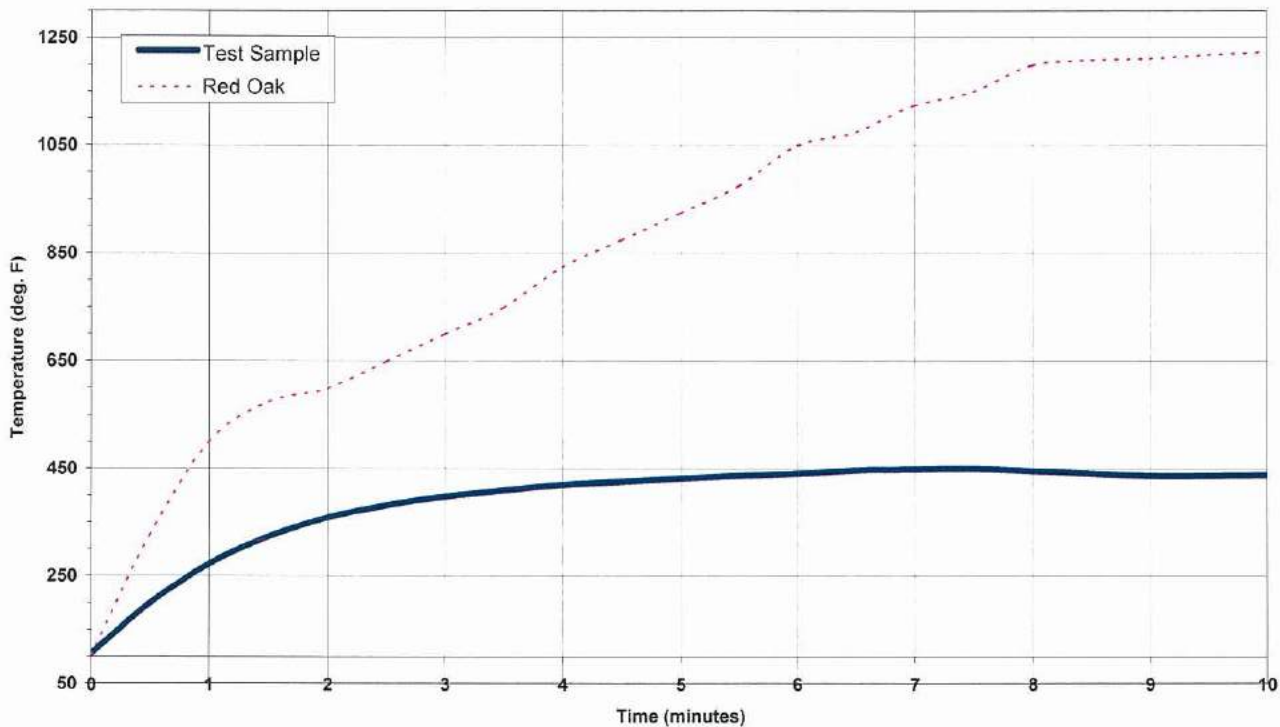


FIGURE 3. Temperature – 24 ft. Air Stream Thermocouple

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End of Report