



TEST REPORT

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

Attn: Susan Yuskaitis

Test Report No: 654:030608

Date: February 22, 2010

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:

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

<u>NFPA Class</u>	<u>IBC Class</u>	<u>Flame Spread</u>	<u>Smoke Developed</u>
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:

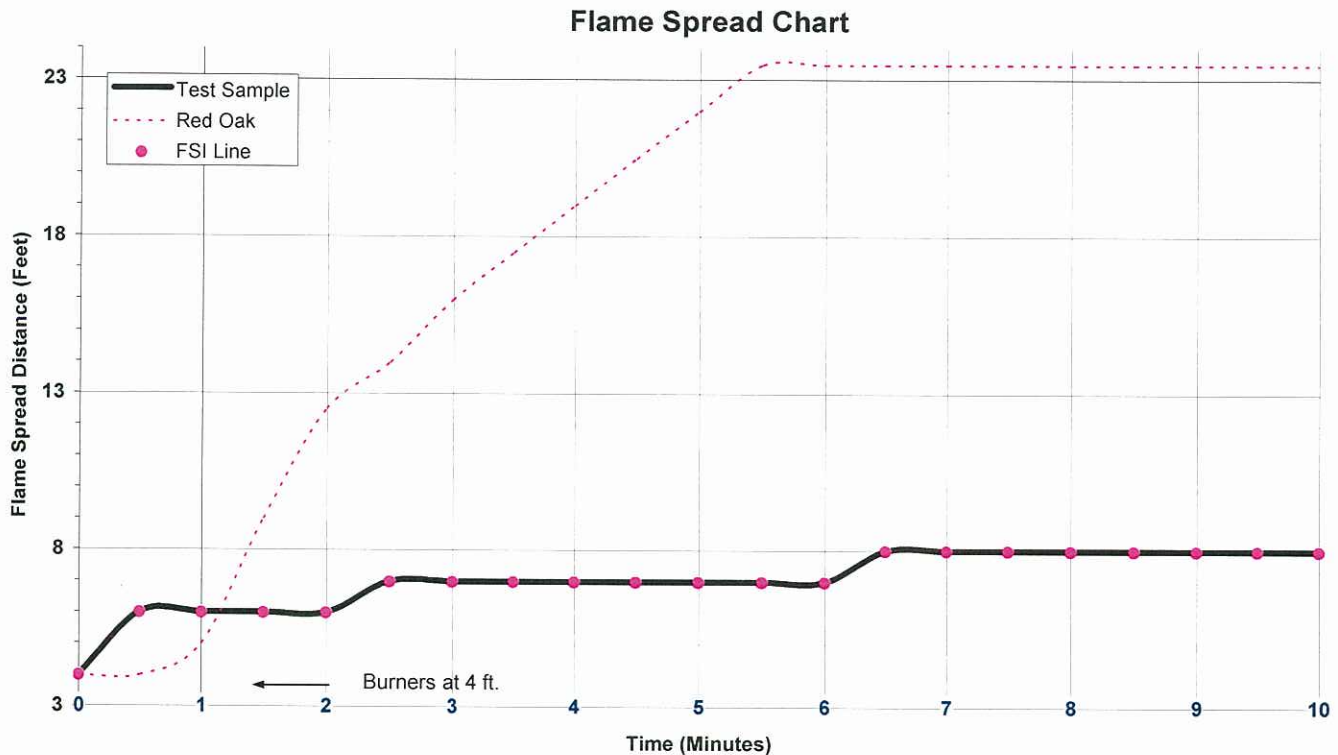


FIGURE 1. Flame Spread

GRAPHICAL RESULTS: (Cont.)

Smoke Developed Chart

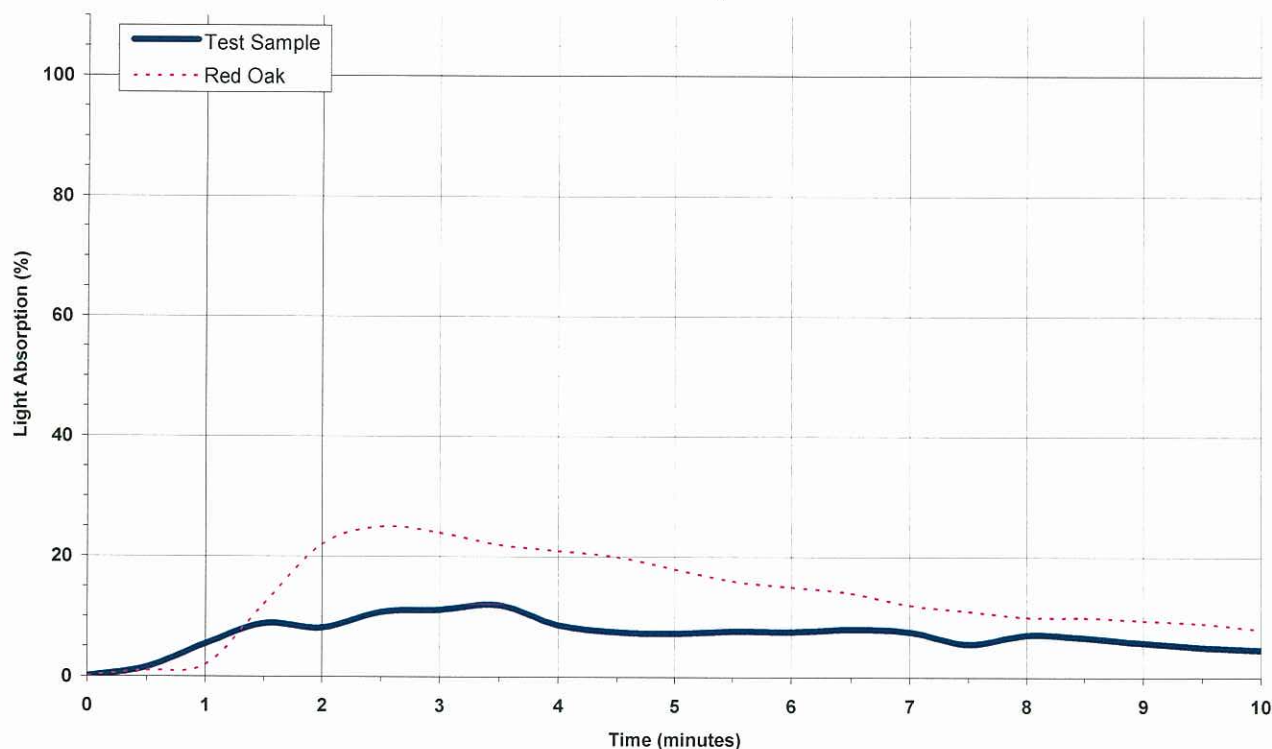


FIGURE 2. Smoke Developed

GRAPHICAL RESULTS: (Cont.)

Temperature - Time Curve

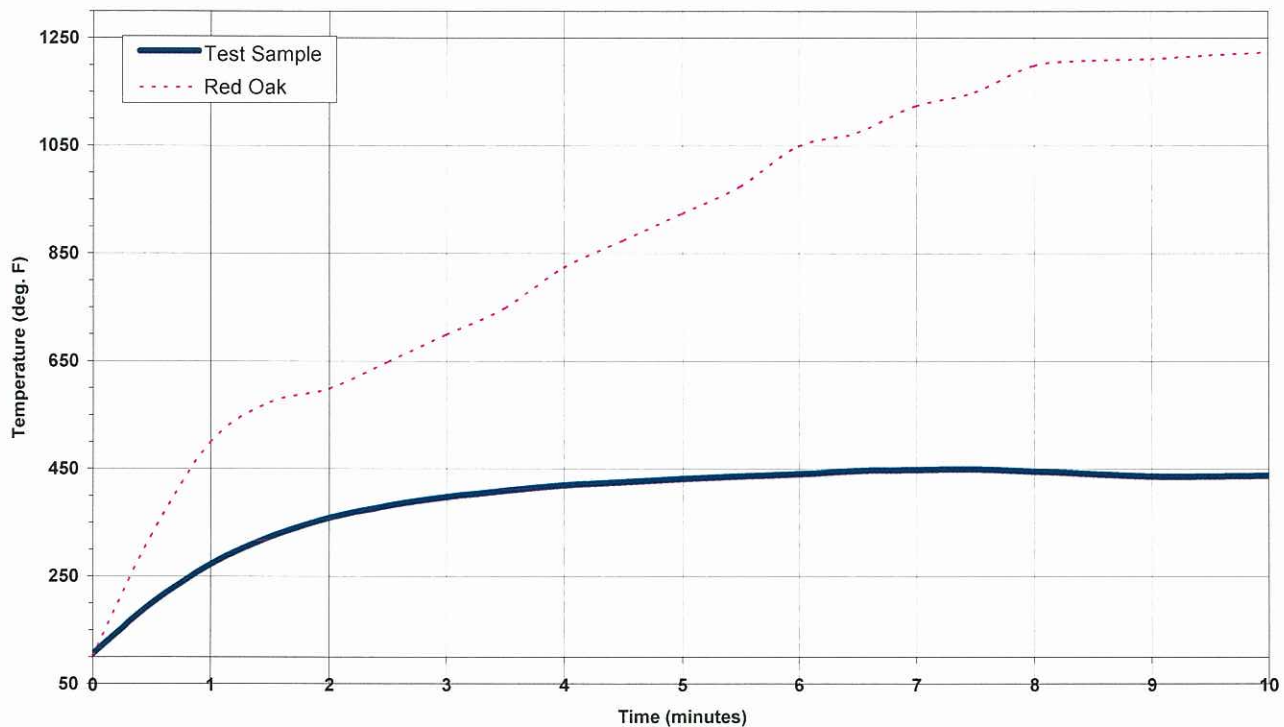


FIGURE 3. Temperature – 24 ft. Air Stream Thermocouple

End of Report