SGS

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

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RESULTS:

SAMPLE: Commercial 95

TEST DATE: 2/22/09

DATA:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ignition (minutes: seconds)</td>
<td>00:06</td>
</tr>
<tr>
<td>Flame Front (feet)</td>
<td>4.0</td>
</tr>
<tr>
<td>Time to Maximum Spread (minutes: seconds)</td>
<td>7:00</td>
</tr>
<tr>
<td>Flame Spread</td>
<td>15</td>
</tr>
<tr>
<td>Smoke Developed</td>
<td>50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NFPA Class</th>
<th>IBC Class</th>
<th>Flame Spread</th>
<th>Smoke Developed</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>A</td>
<td>0 through 25</td>
<td>≤ 450</td>
</tr>
<tr>
<td>B</td>
<td>B</td>
<td>26 through 75</td>
<td>≤ 450</td>
</tr>
<tr>
<td>C</td>
<td>C</td>
<td>76 through 200</td>
<td>≤ 450</td>
</tr>
</tbody>
</table>

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

Building Codes Cited:

Observations:
- Floor Burning
- Flaming / Dripping
- Melting

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FIGURE 1. Flame Spread
FIGURE 2. Smoke Developed
Temperature - Time Curve

![Graph showing temperature-time curve for Test Sample and Red Oak.]

**FIGURE 3. Temperature – 24 ft. Air Stream Thermocouple**

End of Report