CLIENT: Sabic Innovative Plastics US LLC
   1 Lexan Lane
   Mount Vernon, IL 47620
Attn: Constantin Donea

Test Report No: 654:0281839-16 Date: November 6, 2009

SUBJECT: Testing to ASTM D 635

SAMPLE ID: Sample identified as “32mm – against ribbing” was received from the client on 9/24/09 in
good condition. The sample was described by the manufacturer of containing the following items:

- Sample: Lexan Thermoclear 32mm Sheet, commercialized under the grade
  names LTP5X32, 2XP5X32, LPD5X32, LED5X32, LXE5X32, LXD5X32

TEST REQUESTED: The submitted sample was tested for Rate of Burning and/or extent of time of burning of
plastics in a horizontal position in accordance to procedures outlined in ASTM D 635-06.

PREPARATION: The sample material was submitted in ten pieces, 12” x 32” x 126”

TEST DATE: 11/6/09

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

CLASSIFICATION: CC1

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

KSM

Qody Allen
Engineering Technician

J. Brian McDonald
Fire Technology Department Manager

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test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
## DATA:

<table>
<thead>
<tr>
<th>Specimen Number</th>
<th>Dimensions (mm)</th>
<th>Burning Time (Sec)</th>
<th>Burned Length (mm)</th>
<th>Burn Rate (mm/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>126 x 12 x 32</td>
<td>-*</td>
<td>-*</td>
<td>-*</td>
</tr>
<tr>
<td>2</td>
<td>126 x 12 x 32</td>
<td>-*</td>
<td>-*</td>
<td>-*</td>
</tr>
<tr>
<td>3</td>
<td>126 x 12 x 32</td>
<td>-*</td>
<td>-*</td>
<td>-*</td>
</tr>
<tr>
<td>4</td>
<td>126 x 12 x 32</td>
<td>-*</td>
<td>-*</td>
<td>-*</td>
</tr>
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</tr>
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<td>-*</td>
<td>-*</td>
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</tr>
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<td>2</td>
<td>6.5</td>
<td>3.25</td>
</tr>
<tr>
<td>8</td>
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<td>-*</td>
<td>-*</td>
<td>-*</td>
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<tr>
<td>10</td>
<td>126 x 12 x 32</td>
<td>-*</td>
<td>-*</td>
<td>-*</td>
</tr>
<tr>
<td><strong>AVERAGE</strong></td>
<td><strong>126 x 12 x 32</strong></td>
<td><strong>.2</strong></td>
<td><strong>.65</strong></td>
<td><strong>.325</strong></td>
</tr>
</tbody>
</table>

* - Specimen ceases to burn before reaching the 25mm gauge mark

**Observations:** Specimens stopped burning once the flame was removed.

### NOTES:

**Class CC1:** "Plastic materials that have a burning extent of 1 inch (25.4mm) or less where tested at a normal thickness of 0.060 inch (1.5mm), or in the thickness intended for use, in accordance with ASTM D 635"

**Class CC2:** "Plastic materials that have a burning rate of 2.5 inches (1.06mm) or less where tested at a normal thickness of 0.060 inch (1.5mm), or in the thickness intended for use, in accordance with ASTM D 635"

**CBC:** Cannot Be Classified. This description is for any test results that do not meet CC1 or CC2 criteria.

The CC rating is in accordance with the International Building Code-2006.