

**CLIENT:**

Polygal USA Inc.  
PO Box 410592  
Charlotte, NC 28241

**Test Report No: TJ0562-6**

**Date: May 22, 2012**

**SAMPLE ID:** The test samples are identified as 10mm SG

**SAMPLING DETAIL:** Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

**DATE OF RECEIPT:** Samples were received at QAI on May 1, 2012

**TESTING PERIOD:** May 16, 2012

**AUTHORIZATION:** Signed Work Order by Mark Dailey of Polygal USA Inc.

**TEST PROCEDURE:** 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.


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

**CLASSIFICATION:** The sample received a CC1 classification in accordance with The International Building Code – 2006.

**Prepared By**

**Signed for and on behalf of  
QAI Laboratories, Inc.**

  
Gregory Ertel  
Fire Test Technician

  
J. Brian McDonald  
Operations Manager



**SAMPLE: 10mm SG**                      **TEST DATE: May 16, 2012**  
 Conditioning Treatment: 69.8 – 77.0 °F  
 Temperature and Humidity at time of Testing: 68.0°F

**Equipment Number: 061-10**  
 Relative Humidity: 50 ± 5% for 48 hours  
 Relative Humidity: 48.1%

**Data:**

<u>Specimen Number</u>	<u>Dimensions (mm)</u>	<u>Burning Time (sec)</u>	<u>Burned Length (mm)</u>	<u>Burn Rate (mm/min)</u>
1	6 x 125 x 13	0	0	0
2	6 x 125 x 13	0	0	0
3	6 x 125 x 13	0	0	0
4	6 x 125 x 13	0	0	0
5	6 x 125 x 13	0	0	0
6	6 x 125 x 13	0	0	0
7	6 x 125 x 13	0	0	0
8	6 x 125 x 13	0	0	0
9	6 x 125 x 13	0	0	0
10	6 x 125 x 13	0	0	0
<b>AVERAGE</b>	6 x 125 x 13	0	0	0

- \* - Specimen ceases to burn before reaching the 25mm gauge mark
- \*\* - Specimen ceased to burn before reaching the 100mm gauge mark

**Observations:** None

**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 per minute (1.06 mm/sec) 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.

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**End of Report**

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