**IMPACT TESTING ON SAFETY GLAZING MATERIAL**

Rendered to:

BAYER MATERIAL SCIENCE LLC  
119 Salisbury Road  
Sheffield, Massachusetts 01257

- **Report No.:** E3434.01-106-37  
- **Test Date:** 12/04/14  
- **Report Date:** 12/18/14

Sample ID: Makrolon 85559975; 1/8" Pattern Polycarbonate  
Samples Obtained from Manufacturer: Bayer Material Science LLC - Sheffield, Massachusetts  
Size Classification: Unlimited  
Lab Temperature: 70ºF  
Duration of Pre-Conditioning @ 69 - 71ºF: 24 Hours  
Test Size: 34" wide by 76" high  
All test specimens were destroyed by test or by our personnel and have been disposed of as trash.

**Impact Tests:** In accordance with ANSI Z97.1-2009  
(ANSI Class A)

<table>
<thead>
<tr>
<th>Spec. No.</th>
<th>Test Standard</th>
<th>Thickness (inches)</th>
<th>Impact Drop Height (inches)</th>
<th>Test Results</th>
<th>Pass / Fail Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1*</td>
<td>ANSI / CAN</td>
<td>0.123</td>
<td>48</td>
<td>Unit disengaged from frame / did not break</td>
<td>Pass</td>
</tr>
<tr>
<td>2**</td>
<td>ANSI / CAN</td>
<td>0.124</td>
<td>48</td>
<td>Unit disengaged from frame / did not break</td>
<td>Pass</td>
</tr>
<tr>
<td>3*</td>
<td>ANSI / CAN</td>
<td>0.125</td>
<td>48</td>
<td>Unit disengaged from frame / did not break</td>
<td>Pass</td>
</tr>
<tr>
<td>4**</td>
<td>ANSI / CAN</td>
<td>0.124</td>
<td>48</td>
<td>Unit disengaged from frame / did not break</td>
<td>Pass</td>
</tr>
</tbody>
</table>

* Smooth Side Out  
** Pattern Side Out

**Conclusion:** Meets the impact requirements of the referenced standards for the size classification listed.

For ARCHITECTURAL TESTING, INC.:

![Signature](signature_todd_m_wilt.png)  
**Digitally Signed by: Todd M. Wilt**  
Todd M. Wilt  
Senior Technician

![Signature](signature_christian_e_lapadat.png)  
**Digitally Signed by: Christian E. Lapadat**  
Christian E. Lapadat  
Project Manager

TMW:cel/jas
Detailed drawings, data sheets, representative samples of test specimens (if sampled), a copy of this report, or other pertinent project documentation will be retained by Architectural Testing, Inc. for a period of four years from the original test date. At the end of this retention period, such materials shall be discarded without notice and the service life of this report will expire. Results obtained are tested values and were secured by using the designated test methods. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimen(s) tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing, Inc.

Revision Log

<table>
<thead>
<tr>
<th>Rev. #</th>
<th>Date</th>
<th>Page(s)</th>
<th>Revision(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>12/18/14</td>
<td>N/A</td>
<td>Original report issue</td>
</tr>
</tbody>
</table>

This report produced from controlled document template ATI 00686, issued 03/11/13.