



IMPACT TESTING ON SAFETY GLAZING MATERIAL

Rendered to:

BAYER MATERIAL SCIENCE LLC
119 Salisbury Road
Sheffield, Massachusetts 01257

Report No.: E3434.02-106-37
Test Date: 12/04/14
Report Date: 12/18/14

Sample ID: Makrolon 85559983; 5/32" Pattern Polycarbonate

Samples Obtained from Manufacturer: Bayer Material Science LLC - Sheffield, Massachusetts

Size Classification: Unlimited

Lab Temperature: 69°F

Duration of Pre-Conditioning @ 69 - 71°F: 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)

| Spec. No. | Test Standard | Thickness (inches) | Impact Drop Height (inches) | Test Results | Pass / Fail Results |
|-----------|---------------|--------------------|-----------------------------|--|---------------------|
| 1* | ANSI /CAN | 0.165 | 48 | Unit partially disengaged from frame / did not break | Pass |
| 2** | ANSI / CAN | 0.164 | 48 | Unit partially disengaged from frame / did not break | Pass |
| 3* | ANSI / CAN | 0.164 | 48 | Unit disengaged from frame / did not break | Pass |
| 4** | ANSI / CAN | 0.162 | 48 | Unit partially disengaged from frame / did not break | Pass |

* Smooth Side Out

** Pattern Side Out

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

For ARCHITECTURAL TESTING, INC.:

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