



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: 70°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	0.123	48	Unit disengaged from frame / did not break	Pass
2**	ANSI / CAN	0.124	48	Unit disengaged from frame / did not break	Pass
3*	ANSI / CAN	0.125	48	Unit disengaged from frame / did not break	Pass
4**	ANSI / CAN	0.124	48	Unit 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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Revision Log

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