



Technical Report
UV Testing
ASTM G 154, UV Exposure

Technical Report: January 18, 2018

Completed testing: August 24, 2016

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Test:

UV Exposure

Summary: The sample(s) were tested to the following requirement(s) and the data provided is for informational purposes only: - The requirement of ASTM G154, UV Exposure.

If there is any question regarding this report, please contact the following lab personnel:

Administrative and technical inquiries, please contact:

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A red circular stamp with the text "CÔNG TY TNHH LUCERO" in the center. The outer ring contains "M.S.D.N: 0313273735-C.T.T.N.H.H" at the top and "QUẬN 1 - TP HỒ CHÍ MINH" at the bottom. A blue ink signature is written across the stamp.



A handwritten signature in blue ink, appearing to be "mjl".

Nguyen Huu Tram Kha, Senior Director

Matthew Lucero, Chief Executive Officer

Results:

Evaluation	Citation/ Method	Criteria	Results	Rating
UV Exposure	ASTM G 154	<p>Total 1083 hours shall consist of:</p> <p>Cycle Type 1: 8 hrs @ 60 °C 4 hrs condensation @ 50 °C</p> <p>Shall not have any visual change (crack, breakage, chipping, loss of functionality, color change) after exposure.</p> <p>Color change requirement: Minimum Grade-4</p> <p>Note: Color change in above criteria is defined as any color change which does not meet AATCC evaluation procedure 1 Grade 4 minimum. The lab should rate as pass or fail and report the degree of color change per below.</p> <p>Color Grade Scale: Grade 5 : No change Grade 4 : Slight change Grade 3 : Noticeable change Grade 2 : Considerable change Grade 1 : Severe change</p>	<p>After 1083 hours:</p> <p>No structural failure.</p> <p>Very fine surface imperfections.</p> <p>Color Change: Grade: 4</p> <p>Gloss Value: At 20 degree: 3 At 60 degree: 17</p>	Please see data results.

