MICOM INC.
LABORATOIRES · LABORATORIES

July 03, 2019

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TEST REPORT # MI-19-11188-1A

On June 6th 2019, Micom Laboratories Inc. received a sample to perform Surface Finish Tests.

SAMPLES DESCRIPTION:

- Sample : Aluminum

Sample Aluminum

REFERENCE TEST METHODS:

Samples were rated according to:

- ASTM D3359 (Measuring Adhesion by Tape Test)

RESULTS:

Tests performed between 2019-06-28 and 2019-07-03.

Sample		ASTM D3359
		Adhesion Rating[*1]*
1 Aluminum	#1	5B
	#2	

Sample after adhesion test

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APPENDIX 1: Evaluation of adhesion

Classification of adhesion test results according to ASTM D3359
Table hereafter is from the current version of ASTM D3359 (ASTM D1654-17)

Films and coatings > 125 μm	Films and coatings ≤ 125 μm
Method A: "X-cut"	**Method B: "Lattice pattern"**
RATINGS: **5A** *No peeling or removal* **4A** *Trace peeling or removal along incisions or at their intersection* **3A** *Jagged removal along incisions up to 1.6 mm (1/16 in.) on either side* **2A** *Jagged removal along most of incisions up to 3.2 mm (1/8 in.) on either side* **1A** *Removal from most of the area of the X under the tape* **0A** *Removal beyond the area of the X.*	**RATINGS:** **5B** *The edges of the cuts are completely smooth; none of the squares of the lattice is detached.* **4B** *Small flakes of the coating are detached at intersections; less than 5 % of the area is affected.* **3B** *Small flakes of the coating are detached along edges and at intersections of cuts. The area affected is 5 to 15 % of the lattice.* **2B** *The coating has flaked along the edges and on parts of the squares. The area affected is 15 to 35 % of the lattice.* **1B** *The coating has flaked along the edges of cuts in large ribbons and whole squares have detached. The area affected is 35 to 65 % of the lattice.* **0B** *Flaking and detachment worse than Classification 1*

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