Accepted Manuscript

Full Length Article

Fabrication of Micro-Patterned Aluminum Surfaces for Low Ice Adhesion Strength

Jaehyeon Jeon, Hanmin Jang, Jinho Chang, Kwan-Soo Lee, Dong Rip Kim

PII: S0169-4332(18)30109-0

DOI: https://doi.org/10.1016/j.apsusc.2018.01.099

Reference: APSUSC 38238

To appear in: Applied Surface Science

Received Date: 7 September 2017 Revised Date: 17 December 2017 Accepted Date: 10 January 2018



Please cite this article as: J. Jeon, H. Jang, J. Chang, K-S. Lee, D. Rip Kim, Fabrication of Micro-Patterned Aluminum Surfaces for Low Ice Adhesion Strength, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc. 2018.01.099

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Fabrication of Micro-Patterned Aluminum Surfaces for Low Ice Adhesion Strength

Jaehyeon Jeon¹, Hanmin Jang¹, Jinho Chang², Kwan-Soo Lee¹, Dong Rip Kim^{1*}

¹School of Mechanical Engineering, Hanyang University, 222 wangsimni-ro, Seongdong-gu, Seoul, 04763, Republic of Korea

²Appliance Research Laboratory, LG Electronics, Inc., 08592, Republic of Korea

* Corresponding author. E-mail: dongrip@hanyang.ac.kr

Key Words: Microstructure, Aluminum, Ice adhesion strength, Solution Etching, Heat Treatment

Download English Version:

https://daneshyari.com/en/article/7835398

Download Persian Version:

https://daneshyari.com/article/7835398

<u>Daneshyari.com</u>