Accepted Manuscript

Title: Morphology modification mechanism of electrodeposited superhydrophobic nickel coating for enhanced corrosion performance studied by AFM, SEM-EDS, and electrochemical measurements

Authors: Ehsan Rahimi, Ali Rafsanjani-Abbasi, Alireza

Kiani-Rashid, Hamidreza Jafari, Ali Davoodi

PII: S0927-7757(18)30222-X

DOI: https://doi.org/10.1016/j.colsurfa.2018.03.045

Reference: COLSUA 22370

To appear in: Colloids and Surfaces A: Physicochem. Eng. Aspects

Received date: 23-1-2018 Revised date: 18-3-2018 Accepted date: 18-3-2018

Please cite this article as: Rahimi E, Rafsanjani-Abbasi A, Kiani-Rashid A, Jafari H, Davoodi A, Morphology modification mechanism of electrodeposited superhydrophobic nickel coating for enhanced corrosion performance studied by AFM, SEM-EDS, and electrochemical measurements, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2010), https://doi.org/10.1016/j.colsurfa.2018.03.045

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

Morphology modification mechanism of electrodeposited superhydrophobic nickel coating for enhanced corrosion performance studied by AFM, SEM-EDS, and electrochemical measurements

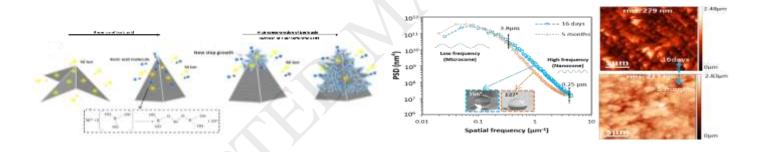
Ehsan Rahimi^a, Ali Rafsanjani-Abbasi^a, Alireza Kiani-Rashid^a, Hamidreza Jafari^b, Ali Davoodi^{a*}

^aMaterials and Metallurgical Engineering Department, Faculty of Engineering, Ferdowsi University of Mashhad, Mashhad 91775-1111, Iran

^b Materials and Metallurgical Engineering Department, Faculty of Engineering, Neyshabur Branch, Islamic Azad University, Neyshabur, Iran.

*Corresponding author, Email: a.davodi@um.ac.ir

Graphical abstract



Download English Version:

https://daneshyari.com/en/article/6977482

Download Persian Version:

https://daneshyari.com/article/6977482

<u>Daneshyari.com</u>