

Accepted Manuscript

Effects of reactive element oxides on the isothermal oxidation of β -NiAl coatings fabricated by spark plasma sintering

Wenfu Chen, Limin He, Yi Guo, Xiao Shan, Jianghua Li, Fangwei Guo, Xiaofeng Zhao, Na Ni, Ping Xiao



PII: S0257-8972(18)31118-6
DOI: [doi:10.1016/j.surfcoat.2018.10.021](https://doi.org/10.1016/j.surfcoat.2018.10.021)
Reference: SCT 23884
To appear in: *Surface & Coatings Technology*
Received date: 20 July 2018
Revised date: 7 October 2018
Accepted date: 8 October 2018

Please cite this article as: Wenfu Chen, Limin He, Yi Guo, Xiao Shan, Jianghua Li, Fangwei Guo, Xiaofeng Zhao, Na Ni, Ping Xiao, Effects of reactive element oxides on the isothermal oxidation of β -NiAl coatings fabricated by spark plasma sintering. Sct (2018), doi:[10.1016/j.surfcoat.2018.10.021](https://doi.org/10.1016/j.surfcoat.2018.10.021)

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.

Effects of reactive element oxides on the isothermal oxidation of β -NiAl coatings fabricated by spark plasma sintering

Wenfu Chen ^a, Limin He ^b, Yi Guo ^c, Xiao Shan ^a, Jianghua Li ^d, Fangwei Guo ^a,
Xiaofeng Zhao ^{a*}, Na Ni ^{e*}, Ping Xiao ^c

^a School of Material Science and Engineering, Shanghai Jiao Tong University,
Shanghai 200240, China

^b Beijing Institute of Aeronautical Materials, Beijing, 100095, China

^c School of Materials, University of Manchester, Grosvenor Street, Manchester M1
7HS, UK

^d State Key Laboratory of Metastable Materials Science and Technology, Yanshan
University, Qinhuangdao, Hebei 066004, China

^e Gas Turbine Research Institute, Shanghai Jiao Tong University, Shanghai, China

* Corresponding author: Xiaofeng Zhao

Tel./fax: +86-021-54742561

E-mail: xiaofengzhao@sjtu.edu.cn

* Corresponding author: Na Ni

Tel./fax: +86-021-54742561

E-mail: na.ni@sjtu.edu.cn

Download English Version:

<https://daneshyari.com/en/article/11262785>

Download Persian Version:

<https://daneshyari.com/article/11262785>

[Daneshyari.com](https://daneshyari.com)