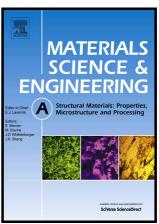
Author's Accepted Manuscript

Effects of hot rolling deformation on the microstructure and tensile properties of an in situgenerated ZrB_2 nanoparticle-reinforced AA6111 composite

Ran Tao, Yutao Zhao, Xizhou Kai, Zhihao Zhao, Renfa Ding, Liang Liang, Weitai Xu



www.elsevier.com/locate/msea

PII: S0921-5093(18)30914-6

DOI: https://doi.org/10.1016/j.msea.2018.06.107

Reference: MSA36662

To appear in: Materials Science & Engineering A

Received date: 7 May 2018 Revised date: 28 June 2018 Accepted date: 29 June 2018

Cite this article as: Ran Tao, Yutao Zhao, Xizhou Kai, Zhihao Zhao, Renfa Ding, Liang Liang and Weitai Xu, Effects of hot rolling deformation on the microstructure and tensile properties of an in situ-generated ZrB₂ nanoparticle-reinforced AA6111 composite, *Materials Science & Engineering A*, https://doi.org/10.1016/j.msea.2018.06.107

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 galley proof before it is published in its final citable 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

Effects of hot rolling deformation on the microstructure and tensile properties of an in situ-generated ZrB_2 nanoparticle-reinforced AA6111 composite

Ran Tao^a, Yutao Zhao^{a,*} Xizhou Kai^a, Zhihao Zhao^a, Renfa Ding^a, Liang Liang^a, Weitai Xu^a

^a School of Material Science and Engineering, Jiangsu University, Zhenjiang 212013, China

^{*}Corresponding author. Tel.: +86 0511 88797900. zhaoyt@ujs.edu.cn (Y.T. Zhao)

Download English Version:

https://daneshyari.com/en/article/7971627

Download Persian Version:

https://daneshyari.com/article/7971627

<u>Daneshyari.com</u>