

# Author's Accepted Manuscript

The temperature dependence of high-temperature strength and deformation mechanism in a single crystal CoNi-base superalloy

Zhongding Fan, Chenchong Wang, Chi Zhang, Yunhe Yu, Hao Chen, Zhigang Yang



PII: S0921-5093(18)31040-2  
DOI: <https://doi.org/10.1016/j.msea.2018.07.106>  
Reference: MSA36772

To appear in: *Materials Science & Engineering A*

Received date: 14 June 2018  
Revised date: 20 July 2018  
Accepted date: 31 July 2018

Cite this article as: Zhongding Fan, Chenchong Wang, Chi Zhang, Yunhe Yu, Hao Chen and Zhigang Yang, The temperature dependence of high-temperature strength and deformation mechanism in a single crystal CoNi-base superalloy, *Materials Science & Engineering A*, <https://doi.org/10.1016/j.msea.2018.07.106>

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.

# The temperature dependence of high-temperature strength and deformation mechanism in a single crystal CoNi-base superalloy

Zhongding Fan<sup>a</sup>, Chenchong Wang<sup>b</sup>, Chi Zhang<sup>a\*</sup>, Yunhe Yu<sup>a</sup>, Hao Chen<sup>a</sup>, Zhigang Yang<sup>a</sup>

*<sup>a</sup>Key Laboratory of Advanced Materials of Ministry of Education, School of Materials Science and Engineering, Tsinghua University, Beijing 100084, China*

*<sup>b</sup>State key laboratory of rolling and automation, School of Materials Science and Engineering, Northeastern University, Shenyang 110819, China*

\*Corresponding author. [chizhang@tsinghua.edu.cn](mailto:chizhang@tsinghua.edu.cn)

Download English Version:

<https://daneshyari.com/en/article/11007006>

Download Persian Version:

<https://daneshyari.com/article/11007006>

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