Accepted Manuscript

Mean-field modelling of the intermetallic precipitate phases during heat treatment and additive manufacture of Inconel 718

Magnus J. Anderson, Chinnapat Panwisawas, Yogesh Sovani, Richard P. Turner, Jeffery W. Brooks, Hector C. Basoalto

PII: S1359-6454(18)30526-3

DOI: 10.1016/j.actamat.2018.07.002

Reference: AM 14679

To appear in: Acta Materialia

Received Date: 17 April 2018

Revised Date: 18 June 2018

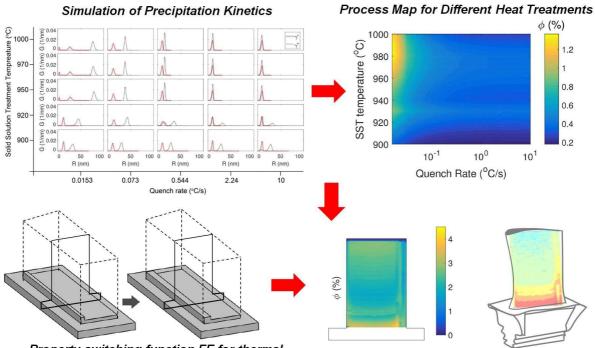
Accepted Date: 1 July 2018

Please cite this article as: M.J. Anderson, C. Panwisawas, Y. Sovani, R.P. Turner, J.W. Brooks, H.C. Basoalto, Mean-field modelling of the intermetallic precipitate phases during heat treatment and additive manufacture of Inconel 718, *Acta Materialia* (2018), doi: 10.1016/j.actamat.2018.07.002.

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



Property switching function FE for thermal calculation during AM

Precipitation prediction across AM builds

Download English Version:

https://daneshyari.com/en/article/7875469

Download Persian Version:

https://daneshyari.com/article/7875469

Daneshyari.com