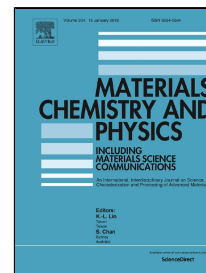


Accepted Manuscript

Comparative study on sintering kinetics of as-milled and annealed CoCrFeNi high entropy alloy powders

Rahul B. Mane, Bharat B. Panigrahi



PII: S0254-0584(17)30926-4
DOI: 10.1016/j.matchemphys.2017.11.047
Reference: MAC 20167
To appear in: *Materials Chemistry and Physics*
Received Date: 11 May 2017
Revised Date: 18 November 2017
Accepted Date: 21 November 2017

Please cite this article as: Rahul B. Mane, Bharat B. Panigrahi, Comparative study on sintering kinetics of as-milled and annealed CoCrFeNi high entropy alloy powders, *Materials Chemistry and Physics* (2017), doi: 10.1016/j.matchemphys.2017.11.047

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.

Highlights

- Nonisothermal sintering of CoCrFeNi high entropy alloy powders have been studied.
- Annealed powder shows higher activation energy of sintering.
- The grain boundary diffusion appears to be the dominating mechanism.

Download English Version:

<https://daneshyari.com/en/article/7921865>

Download Persian Version:

<https://daneshyari.com/article/7921865>

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