

# Accepted Manuscript

Effect of yttrium barrier on the preparation of precursor powders of WC-Co cemented carbide and properties of sintered bulk

Wen He, Dunqiang Tan, Hai Kuang, Yalei Li, Xin Yang, Hongbo Zhu



PII: S0925-8388(18)30397-9

DOI: [10.1016/j.jallcom.2018.01.379](https://doi.org/10.1016/j.jallcom.2018.01.379)

Reference: JALCOM 44843

To appear in: *Journal of Alloys and Compounds*

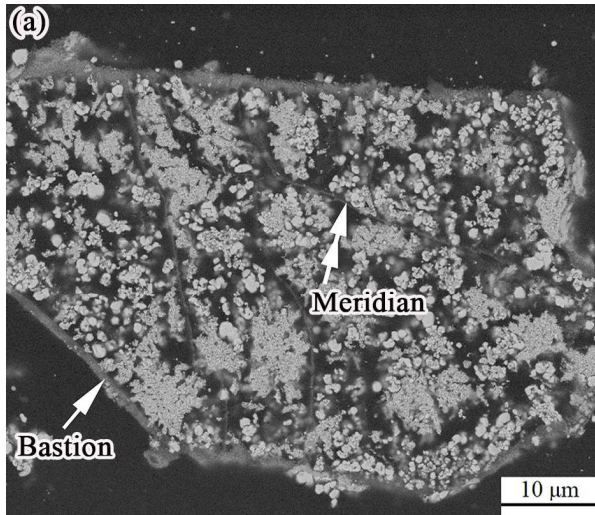
Received Date: 18 November 2017

Revised Date: 27 January 2018

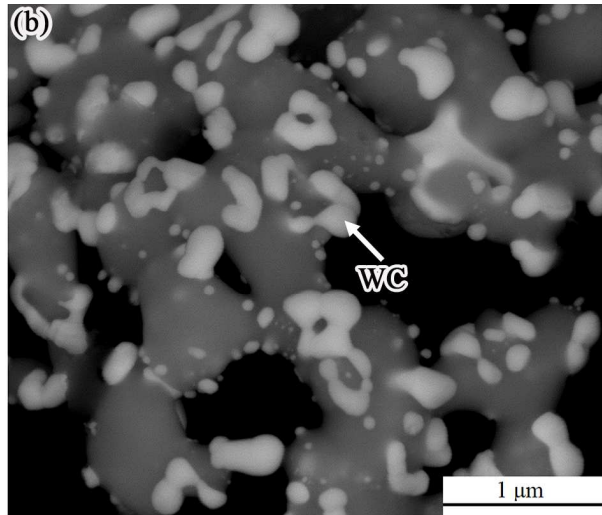
Accepted Date: 29 January 2018

Please cite this article as: W. He, D. Tan, H. Kuang, Y. Li, X. Yang, H. Zhu, Effect of yttrium barrier on the preparation of precursor powders of WC-Co cemented carbide and properties of sintered bulk, *Journal of Alloys and Compounds* (2018), doi: 10.1016/j.jallcom.2018.01.379.

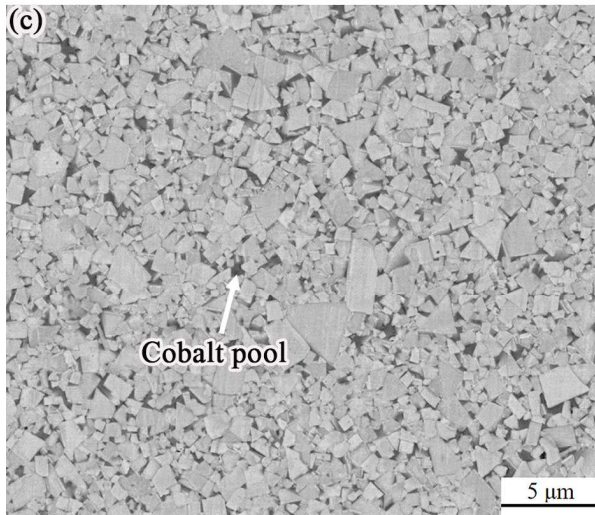
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please 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.



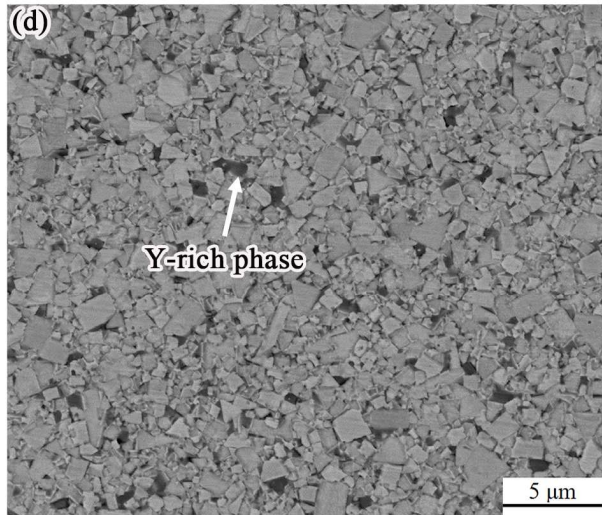
Morphology of Yttrium barrier in tungsten powder



SEM image of 1%Y-doped tungsten carbide powder



Microstructure of WC-6wt.%Co cemented carbide



Microstructure of 1%Y-doped WC-6wt.%Co cemented carbide

Download English Version:

<https://daneshyari.com/en/article/7993490>

Download Persian Version:

<https://daneshyari.com/article/7993490>

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