

Accepted Manuscript

The effects of CeO₂ addition on the physical and microstructural properties of ZTA-TiO₂ ceramics composite

Ahmad Zahirani Ahmad Azhar, Siti Hajar Mohamad Shawal, Hanisah Manshor, Afifah Mohd Ali, Nik Akmar Rejab, Ezzat Chan Abdullah, Zainal Arifin Ahmad

PII: S0925-8388(18)33413-3

DOI: [10.1016/j.jallcom.2018.09.173](https://doi.org/10.1016/j.jallcom.2018.09.173)

Reference: JALCOM 47592

To appear in: *Journal of Alloys and Compounds*

Received Date: 11 July 2018

Revised Date: 13 September 2018

Accepted Date: 15 September 2018

Please cite this article as: A.Z.A. Azhar, S.H. Mohamad Shawal, H. Manshor, A.M. Ali, N.A. Rejab, E.C. Abdullah, Z.A. Ahmad, The effects of CeO₂ addition on the physical and microstructural properties of ZTA-TiO₂ ceramics composite, *Journal of Alloys and Compounds* (2018), doi: <https://doi.org/10.1016/j.jallcom.2018.09.173>.

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.



Ahmad Zahirani Ahmad Azhar ^a, Siti Hajar Mohamad Shawal ^a, Hanisah Manshor ^{b,*}, Afifah Mohd Ali ^a, Nik Akmar Rejab ^c, Ezzat Chan Abdullah ^d and Zainal Arifin Ahmad ^c

^a **Department of Materials and Manufacturing, Faculty of Engineering, International Islamic University Malaysia, P.O. Box 10, 50728 Kuala Lumpur, Malaysia.**

^b **Department of Science in Engineering, Faculty of Engineering, International Islamic University Malaysia, P.O. Box 10, 50728 Kuala Lumpur, Malaysia.**

^c **Structural Materials Niche Area, School of Materials and Mineral Resources Engineering, Engineering Campus, Universiti Sains Malaysia, 14300 Nibong Tebal, Penang, Malaysia.**

^d **Malaysia-Japan International Institute of Technology (MJIT), Universiti Teknologi Malaysia Kuala Lumpur, Jalan Semarak, 54100 Kuala Lumpur, Malaysia.**

Download English Version:

<https://daneshyari.com/en/article/11019908>

Download Persian Version:

<https://daneshyari.com/article/11019908>

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