

# Accepted Manuscript

Soft magnetic Fe-Co-based amorphous alloys with extremely high saturation magnetization exceeding 1.9 T and low coercivity of 2 A/m

F. Wang, A. Inoue, Y. Han, S.L. Zhu, F.L. Kong, E. Zanaeva, G.D. Liu, E. Shalaan, F. Al-Marzouki, A. Obaid



PII: S0925-8388(17)32191-6

DOI: [10.1016/j.jallcom.2017.06.192](https://doi.org/10.1016/j.jallcom.2017.06.192)

Reference: JALCOM 42261

To appear in: *Journal of Alloys and Compounds*

Received Date: 20 May 2017

Revised Date: 17 June 2017

Accepted Date: 19 June 2017

Please cite this article as: F. Wang, A. Inoue, Y. Han, S.L. Zhu, F.L. Kong, E. Zanaeva, G.D. Liu, E. Shalaan, F. Al-Marzouki, A. Obaid, Soft magnetic Fe-Co-based amorphous alloys with extremely high saturation magnetization exceeding 1.9 T and low coercivity of 2 A/m, *Journal of Alloys and Compounds* (2017), doi: 10.1016/j.jallcom.2017.06.192.

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.

**Soft Magnetic Fe-Co-based Amorphous Alloys with Extremely High Saturation Magnetization Exceeding 1.9 T and Low Coercivity of 2 A/m**

F. Wang<sup>1</sup>, A. Inoue<sup>1,2,3,4</sup>, Y. Han<sup>1</sup>, S.L. Zhu<sup>1</sup>, F.L. Kong<sup>2</sup>, E. Zanaeva<sup>4</sup>, G.D. Liu<sup>5</sup>, E. Shalaan<sup>6</sup>, F. Al-Marzouki<sup>3</sup>, A. Obaid<sup>6</sup>.

<sup>1</sup>School of Materials Science and Engineering, Tianjin University, Tianjin, 300072, China

<sup>2</sup>International Institute of Green Materials, Josai International University, Togane, 283-8555, Japan

<sup>3</sup>Department of Physics, King Abdulaziz University, Jeddah, 22254, Saudi Arabia

<sup>4</sup>MISiS, National University of Science and Technology, 119049, Moscow, Russia

<sup>5</sup>School of Materials Science and Engineering, Hebei University of Technology, Tianjin 300130, China

<sup>6</sup>Department of Chemistry, King Abdulaziz University, Jeddah, 22254, Saudi Arabia

Corresponding author: A. Inoue.

E-mail: [ainouebmg@yahoo.co.jp](mailto:ainouebmg@yahoo.co.jp)

Download English Version:

<https://daneshyari.com/en/article/5458717>

Download Persian Version:

<https://daneshyari.com/article/5458717>

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