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Authors: Yunbo Xu, Haitao Jiao, Yuanxiang Zhang, Feng Fang, Xiang Lu, Yang Wang, Guangming Cao, Chenggang Li, R.D.K. Misra



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Effect of Pre-annealing Prior to Cold Rolling on the Precipitation,
Microstructure and Magnetic Properties of Strip-cast Non-oriented
Electrical Steels

Yunbo Xu^{1,*}, Haitao Jiao¹, Yuanxiang Zhang¹, Feng Fang¹, Xiang Lu¹, Yang Wang¹,
Guangming Cao¹, Chenggang Li¹, R.D.K. Misra²

¹State Key Laboratory of Rolling and Automation, Northeastern University, Shenyang
110819, China

² Department of Metallurgical, Materials, and Biomedical Engineering, University of
Texas at El Paso, TX 79968, USA

* Corresponding author. Tel.: +86 24 83686642; Fax: +86 24 23906472.

E-mail address: xuyunbo@mail.neu.edu.cn

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HIGHLIGHTS

- Non-oriented electrical steels was fabricated by a novel strip casting process involving pre-anneal.
- Precipitation characteristics and its effects on microstructure, texture and magnetic properties was investigated.
- Grain coarsening with developed {100} texture occurred in finally annealed sheets after pre-annealing.

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