

# Author's Accepted Manuscript

Effect of phosphorus content on the mechanical, microstructure and corrosion properties of supermartensitic stainless steel

C.A.D. Rodrigues, R.M. Bandeira, B.B. Duarte, G. Tremiliosi-Filho, A.M. Jorge



PII: S0921-5093(15)30476-7  
DOI: <http://dx.doi.org/10.1016/j.msea.2015.10.013>  
Reference: MSA32864

To appear in: *Materials Science & Engineering A*

Received date: 4 August 2015  
Revised date: 3 October 2015  
Accepted date: 5 October 2015

Cite this article as: C.A.D. Rodrigues, R.M. Bandeira, B.B. Duarte, G. Tremiliosi-Filho and A.M. Jorge, Effect of phosphorus content on the mechanical, microstructure and corrosion properties of supermartensitic stainless steel, *Materials Science & Engineering A* <http://dx.doi.org/10.1016/j.msea.2015.10.013>

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 galley proof before it is published in its final citable 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.

Effect of Phosphorus Content on the Mechanical, Microstructure and Corrosion Properties  
of Supermartensitic Stainless Steel

C. A. D. Rodrigues<sup>a,\*</sup>, R. M. Bandeira<sup>a</sup>, B. B. Duarte<sup>a</sup>, G. Tremiliosi-Filho<sup>a</sup>,

A. M. Jorge Jr.<sup>b</sup>

<sup>a</sup> Instituto de Química de São Carlos - Universidade de São Paulo

Av. Trabalhador São-carlense, 400, CP: 780, 13560-970, São Carlos, SP, Brasil

<sup>b</sup> Universidade Federal de São Carlos, Departamento de Engenharia de Materiais, Rodovia  
Washington Luiz, Km 235, CP: 676, 13560-270 São Carlos, SP, Brasil

\* Corresponding author at Grupo de Eletroquímica, Instituto de Química de São Carlos -  
Universidade de São Paulo, Av. Trabalhador São-carlense, 400, CP: 780, 13560-970, São  
Carlos, SP, Brasil.

E-mail address: cesaraug@sc.usp.br (C. A. D. Rodrigues).

Download English Version:

<https://daneshyari.com/en/article/7976220>

Download Persian Version:

<https://daneshyari.com/article/7976220>

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