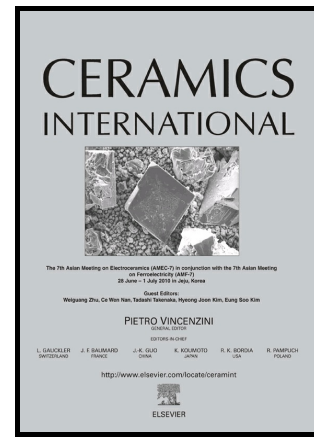


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Charge Trapping Characteristics of Alumina Based Ceramics

Peng Zhang^a, Fusheng Zhou^a, Chuang Zhang^a, Zhimin Yan^a, Jianying Li^{a*}, Haiyun Jin^a, Hao Zhang^b, Junyong Lu^c

^aState Key Laboratory of Electrical Insulation and Power Equipment, Xi'an Jiaotong University, Xi'an, 710049, China

^bFunctional Materials Laboratory, Xi'an University of Architecture and Technology, Xi'an, 710049, China

^cNational Key Laboratory of Science and Technology on Vessel Integrated Power System, Naval University of Engineering, Wuhan, 430000, China

***Corresponding author.** Jianying Li Postal address: State Key Laboratory of Electrical Insulation and Power Equipment, Xi'an Jiaotong University, Xi'an, 710049, China. Tel.: +86 15829939682. lijy@xjtu.edu.cn

Abstract

The space charge dynamics is very important for electrical breakdown of alumina based ceramics. In this paper, the charge trapping/detrapping characteristics of alumina based ceramics were studied by means of isothermal surface potential decay (ISPD) method. For alumina and zirconia toughened alumina (ZTA) ceramic samples, the ISPD curves

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