Short communication

Laser irradiation of a-SiC ceramics

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Received 14 July 2008; received in revised form 11 October 2008; accepted 27 November 2008

Available online 14 January 2009

Abstract

The process of laser irradiation of a surface of SiC ceramics in air was investigated. As a result of SiC oxidation and evolution of CO2, porous

SiO2 forms on the target surface. During deposition of ablation products on the substrate, a loose SiO2 film forms.

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