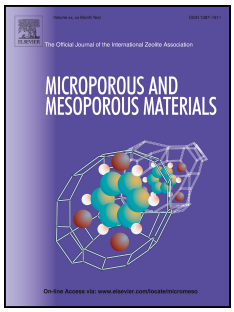
Accepted Manuscript



Thermodynamic models of the adsorption and desorption of molecular oxygen at the UV and blue emitting centers in mesoporous silica under variable oxygen pressure

Carlo M. Carbonaro, Marcello Salis, Riccardo Corpino, Daniele Chiriu, Luigi Stagi, Giovanni Serra, Andrea Bosin, Pier Carlo Ricci

PII: S1387-1811(16)30502-9

DOI: 10.1016/j.micromeso.2016.10.037

Reference: MICMAT 7977

To appear in: *Microporous and Mesoporous Materials*

Received Date: 14 June 2016

Revised Date: 19 October 2016

Accepted Date: 22 October 2016

Please cite this article as: C.M. Carbonaro, M. Salis, R. Corpino, D. Chiriu, L. Stagi, G. Serra, A. Bosin, P.C. Ricci, Thermodynamic models of the adsorption and desorption of molecular oxygen at the UV and blue emitting centers in mesoporous silica under variable oxygen pressure, *Microporous and Mesoporous Materials* (2016), doi: 10.1016/j.micromeso.2016.10.037.

Thermodynamic models of the adsorption and desorption of molecular oxygen at the UV and blue emitting centers in mesoporous silica under variable oxygen pressure.

Graphical Abstract