

Volume 6

The Insulator-to-Conductor Transition in Sulphonated Poly (Phenylene Oxide) Polymer membranes: Percolation Theory Approach

徐铜文<sup>1</sup>, 杨伟华<sup>1</sup>, 何炳林<sup>2</sup>

<sup>1</sup> Department of Applied Chemistry, University of Science and Technology of China, Hefei 230026, China

<sup>2</sup> The State Key Laboratory of Functional Polymer Materials for Adsorption and Separation, Nankai University, Tianjin 300071, China

收稿日期 1997-8-26 修回日期 网络版发布日期 接受日期 1998-5-3

摘要

关键词

[poly \(phenylene oxide\) polymer](#) [ion exchange membrane](#) [percolation threshold](#)

分类号

DOI:

**The Insulator-to-Conductor Transition in Sulphonated Poly (Phenylene Oxide) Polymer membranes: Percolation Theory Approach**

XU Tongwen<sup>1</sup>, YANG Weihua<sup>1</sup>, HE Binglin<sup>2</sup>

<sup>1</sup> Department of Applied Chemistry, University of Science and Technology of China, Hefei 230026, China

<sup>2</sup> The State Key Laboratory of Functional Polymer Materials for Adsorption and Separation, Nankai University, Tianjin 300071, China

Received 1997-8-26 Revised Online Accepted 1998-5-3

**Abstract**

**Key words** [poly \(phenylene oxide\) polymer](#); [ion exchange membrane](#); [percolation threshold](#)

通讯作者:

徐铜文

作者个人主页: 徐铜文<sup>1</sup>; 杨伟华<sup>1</sup>; 何炳林<sup>2</sup>

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF](#) (2011KB)

▶ [\[HTML全文\]](#) (0KB)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [引用本文](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 包含 “](#)

[poly \(phenylene oxide\) polymer](#)” 的 [相关文章](#)

▶ 本文作者相关文章

· [徐铜文](#)

· [杨伟华](#)

· [何炳林](#)