



Title: Effect of Free Volume on Water and Salt Transport Properties in Directly Copolymerized Disulfonated Poly(arylene ether sulfone) Random Copolymers

Author: Wei Xie, Hao Ju, Geoffrey M. Geise, et al

Publication: Macromolecules

Publisher: American Chemical Society

Date: Jun 1, 2011

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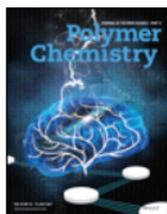
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Title: Temperature and pressure dependence of the free volume in the perfluorinated polymer glass CYTOP: A positron lifetime and pressure-volume-temperature study

Author: G. Dlubek, J. Pionteck, M. Sniegocka, et al

Publication: Journal of Polymer Science Part B: Polymer Physics

Publisher: John Wiley and Sons

Date: Aug 2, 2007

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Title: Counterion Dynamics in Polyurethane-Carboxylate Ionomers with Ionic Liquid Counterions
Author: Shih-Wa Wang, Wenjuan Liu, Ralph H. Colby
Publication: Chemistry of Materials
Publisher: American Chemical Society
Date: Apr 1, 2011
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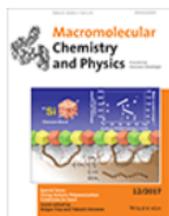
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Title: Comparing Ammonium and Phosphonium Polymerized Ionic Liquids: Thermal Analysis, Conductivity, and Morphology

Author: Sean T. Hemp, Mingqiang Zhang, Michael H. Allen, et al

Publication: Macromolecular Chemistry and Physics

Publisher: John Wiley and Sons

Date: Aug 6, 2013

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Licensed Content Date	Aug 6, 2013
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Title: Water vapor sorption and free volume in the aromatic polyamide layer of reverse osmosis membranes

Author: Judy Lee, Cara M. Doherty, Anita J. Hill, Sandra E. Kentish

Publication: Journal of Membrane Science

Publisher: Elsevier

Date: 1 January 2013

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Title: Free Volume and the Mechanism of Plasticization in Water-Swollen Poly(vinyl alcohol)
Author: R. M. Hodge, T. J. Bastow, G. H. Edward, et al
Publication: Macromolecules
Publisher: American Chemical Society
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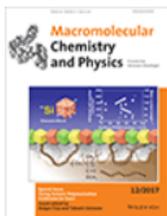
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Title: Free Volume, Glass Transition and Degree of Branching in Ethylene/ α -Olefin Copolymers: Positron Lifetime, Differential Scanning Calorimetry, Wide-Angle X-Ray Scattering, and Density Studies

Author: David Bamford, Günter Dlubek, Thomas Lüpke, et al

Publication: Macromolecular Chemistry and Physics

Publisher: John Wiley and Sons

Date: Mar 1, 2006

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Title: Free Volume Distribution in Monodisperse and Polydisperse Poly(methyl methacrylate) Samples
Author: K. Süvegh, M. Klapper, A. Domján, et al
Publication: Macromolecules
Publisher: American Chemical Society
Date: Feb 1, 1999
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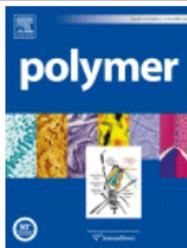
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Title: Positron annihilation study of free volume in cross-linked amorphous polyurethanes through the glass transition temperature

Author: G. Consolati, J. Kansy, M. Pegoraro, F. Quasso, L. Zanderighi

Publication: Polymer

Publisher: Elsevier

Date: July 1998

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