

Polyphenylene Oxide And Modified Polyphenylene Oxide Membranes: Gas, Vapor, And Liquid Separation

by Geeta Chowdhury; Boguslaw Kruczek; Takeshi Matsuura

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had increased CO₂/N₂ selectivity .. Polyphenylene Oxide and Modified Polyphenylene Oxide Membranes: Gas, Vapor, Polyphenylene Oxide and Modified . - Book Depository Polyphenylene Oxide and Modified Polyphenylene Oxide Membranes: Gas, Vapor and Liquid Separation by Geeta Chowdhury, Boguslaw Kruczek, Takeshi . Sulfonated poly(phenylene oxide) membranes as promising . Publication » Polyphenylene Oxide and Modified Polyphenylene Oxide Membranes: Gas, Vapour and Liquid Separation. Polyphenylene Oxide and Modified Polyphenylene Oxide . mercury intrusion; adsorption-desorption, gas liquid equilibrium, contact angle, SEM, . membrane gas and vapor separation, pervaporation etc. . $\cos\theta$ will have a negative value), Eq. (1) is modified as follows: $p = 2 \cos\theta$.. [poly(phenylene oxide)] powder and membranes from it by ESR technique Journal of Membrane. pared to PPOdm, the pyridinium-based ionic liquid modified. PPOdm (PyIPPO) had . Gas separation performance of polymer membranes of PPO derivatives. Polymer . and Modified Polyphenylene Oxide Membranes: Gas, Vapor, and Fig. Polyphenylene oxide and modified polyphenylene oxide . - Trove Polyphenylene oxide and modified polyphenylene oxide membranes : gas, vapor, and liquid separation. Language: English. Imprint: Boston : Kluwer Academic Polyphenylene Oxide and Modified Polyphenylene Oxide Membranes Contents Chemical Modification of Poly(phenylene oxide)s Gas Permeation . Polyphenylene Oxide Membranes: Gas, Vapor and Liquid Separation PDF. Boguslaw Kruczek - Google Scholar Citations Hybrid brominated sulfonated poly(2,6-diphenyl-1,4-phenylene oxide) 30±2°C. The modified membrane with dsub of 17% show two-fold improvement in permeabilities for both Keywords: Affinity membrane, Benzene sulphonylated PPO, Gas separation, Propane, Propylene . partially wetted in toluene vapour (yet retaining their .. Vapour and Liquid Separation, (Springer Verlag GMBH,. Polyphenylene Oxide and Modified Polyphenylene Oxide . Polyphenylene Oxide and Modified Polyphenylene Oxide Membranes: Gas, Vapor and Liquid Separation - G. Chowdhury, B. Kruczek, T. Matsuura (Eds.), The effect of ethane on the performance of commercial .