

Turkish Journal of Chemistry

Turkish Journal

of

Chemistry

The Sorption of Metals on the Polysulfone Cation Exchange Membranes

M. ERSÖZ, I. H. GÜĞÜL, A. ÇİMEN, B. LEYLEK and S. YILDIZ
Selcuk University Department of Chemistry,
Kampus, 42031 Konya-TURKEY

 [Keywords](#)
[Authors](#)



chem@tubitak.gov.tr

[Scientific Journals Home](#)
[Page](#)

Abstract: The sorption of NaCl and CaCl₂ and monovalent-divalent cation salt mixtures on the polysulfone and polysulfone with polyester support cation exchange membranes were investigated. The sorption of monovalent-divalent cation salt mixtures in contact with NaCl+CaCl₂ salt mixtures were studied at a total concentration of 0.05 M. The obtained results for polysulfone type membranes were compared with Neosepta CL-25T and CM2 cation exchange membranes.

Key Words: Sorption, charged membranes, permselectivity, ion-exchange isotherm

Turk. J. Chem., **25**, (2001), 39-48.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem.,vol.25,iss.1.](#)