

عنوان مقاله:

Effect of phase inversion approaches on morphology of polyurethane thin films

محل انتشار:

دومین کنفرانس بین المللی یافته های نوین پژوهشی در شیمی و مهندسی شیمی (سال: 1395)

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خلاصه مقاله:

In this study, the effect of the phase inversion on thin films have been investigated. Asymmetric and symmetric polyurethane thin films were prepared by the wet and dry phase inversion method. For wet phase inversion, thin film was quenched in water. The prepared thin films were characterized with Fourier transform infrared spectroscopy (FT-IR), scanning electron microscopy (SEM) and X-ray diffraction (XRD) analyses for morphological comparison

کلمات کلیدی:

symmetric-asymmetric polyurethane thin film, dry-wet phase inversion, morphology, porous structure

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