

عنوان مقاله:

Synthesis and Performance of Tubular MFI membrane

محل انتشار:

همایش بین المللی ژئولیت ایران (سال: 1387)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

MFI zeolite membrane was synthesized on tubular α -Al₂O₃ Porous support via secondary growth hydrothermal method. Structural properties and performance of the manufactured membrane were investigated by X-Ray diffraction (XRD), Scanning Electron Microscopy (SEM) and gas permeation. The obtained results confirmed the formation of MFI zeolite membranes with relatively fine performance in H₂ /N₂ gas mixture separation.

کلمات کلیدی:

MFI zeolite Membrane, Secondary growth, Gas separation

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