

عنوان مقاله:

Pt-based dehydrogenation catalysts with different Indium loadings on a nano- sized gamma alumina support

محل انتشار:

اولین همایش ملی فناوری های نوین در شیمی و مهندسی شیمی (سال: 1392)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

In this paper, a high surface area nanocrystalline gamma alumina used as the support for dehydrogenation catalysts. The effects of different Indium loadings on the activity of Pt-based dehydrogenation catalyst were investigated. The prepared samples were characterized by N₂ adsorption (BET), Transmission electron microscopy (TEM), Scanning electron microscopy (SEM), Inductive coupled plasma atomic emissionspectroscopy (ICP-AES), Temperature programmed reduction (TPR

کلمات کلیدی:

nanocrystalline gamma alumina ; dehydrogenation catalyst ; Indium loadings

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