

عنوان مقاله:

Application of bimetals for catalytic oxidation of volatile organic compounds

محل انتشار:

ششمین کنگره بین المللی مهندسی شیمی (سال: 1388)

تعداد صفحات اصل مقاله: 3

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خلاصه مقاله:

Lately, bimetallic catalysts have been given more attention in catalytic combustion applications. In this study we want to investigate the catalytic combustion of ethyl acetate on the Ag-ZSM-5 and Ag-Co-ZSM-5 zeolites. It was found that a catalyst containing both Ag and Co was the most promising, as it had a high activity than Ag-ZSM-5. We have used XPS, XRD and TEM tools of analyzing the surface composition and the chemical states of metal components to investigate the relationship between the cause of changes of stability and activity and different catalysts

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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