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Effect of activation conditions of high modulus silicate systems and raw materials volumetric feed rate on conversions of *n*-hexane

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Abstract

Conversion of *n*-hexane in the temperature range 250-500 °C has been investigated. It has been established that the conversion process of *n*-hexane involves the cracking reaction, isomerization and aromatization. Direction of chemical reactions depends on the activation parameters and process conditions.