

Effect of steam and CO₂ in ethane activation on Zn-ZSM-5

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Supporting Information

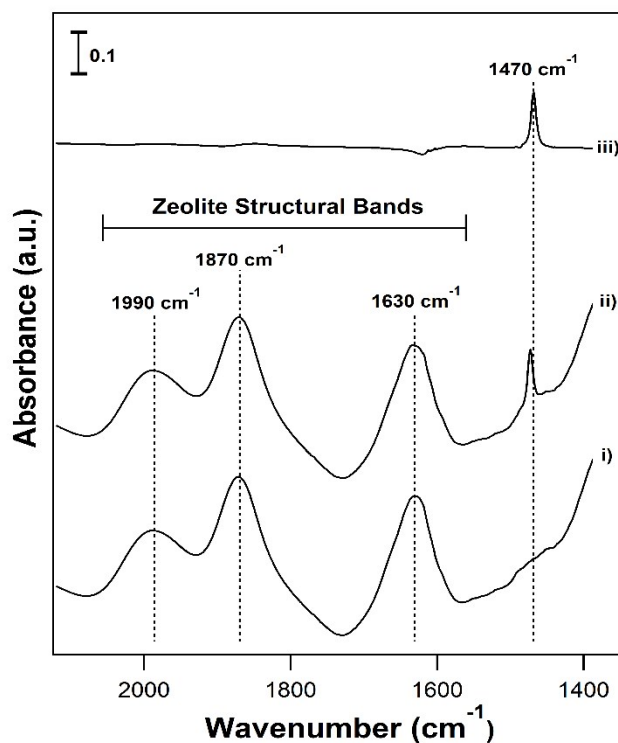


Figure S1: IR spectrum of benzene adsorption at 150 °C on 5% Zn-ZSM-5 (11.5). (i) clean Zn-ZSM-5 at vacuum, (ii) benzene adsorption on Zn-ZSM-5 at vacuum, and (iii) subtraction of ii and iii.

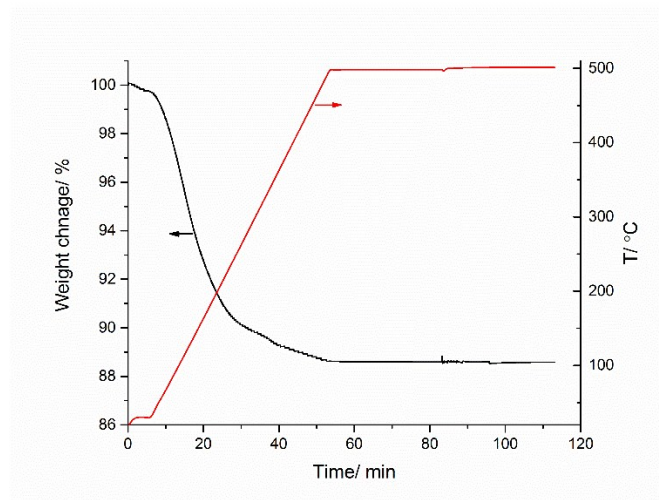


Figure S2: Weight change of 5% Zn-ZSM-5 (11.5) during thermal treatment in 100% CO₂.