

VOCs adsorption capacity of zeolites in a fixed-bed adsorber

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alumina silica가 zeolite VOCs  
 benzene, toluene  
 , 30 °C N<sub>2</sub> 가  
 VOC 5000ppm  
 4 (Cosmo Fine Chemicals)  
 VOC GC  
 XRD, SEM, 가 zeolite  
 A -type benzene 22.7 mg/g A -type zeolite 11.8 mg/g  
 X -type(51.6 mg/g) Y -type(113.6 mg/g)  
 A -type zeolite가 zeolite . toluene  
 가 x -type, y -type