

Towards a full understanding of the nature of Ni (II) species and hydroxyl groups over highly siliceous HZSM-5 zeolite supported nickel catalysts prepared by deposition-precipitation method

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Regarding the FE-SEM images of bare HZSM-5 zeolite

Field emission scanning electron microscopy (FE-SEM) was performed by a JSM 6700F scanning electron microscope. Before measurement, the specimen was ground and ultrasonically dispersed in methanol, and then, loaded on a silicon chip.

Fig. S1 shows the FE-SEM images of the bare HZSM-5 zeolite. We can see that, the HZSM-5 zeolite consists of crystal with clean surface.

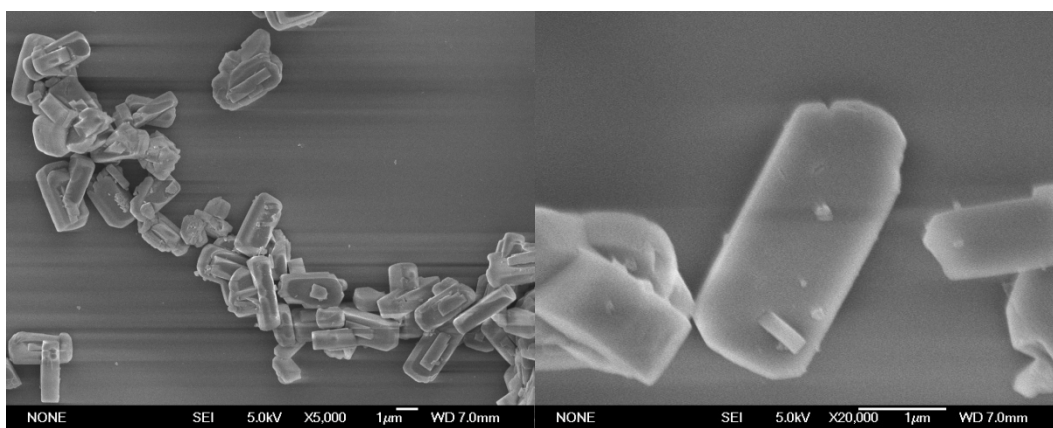


Fig. S1 FE-SEM images of the bare HZSM-5(100) zeolite.