Supporting Information

Comparison of Surface Passivation Modification of Two Mordenite Zeolites and their Application on the Isomerisation of o-Ethyltoluene

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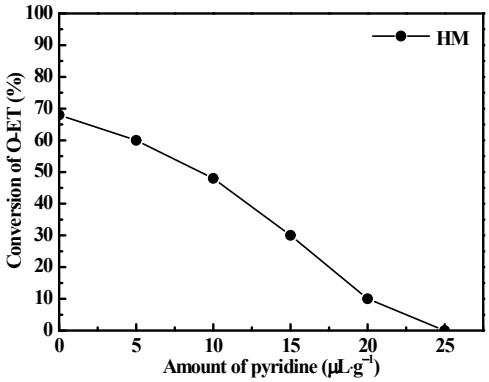

Fig. S1 The pyridine poisoning experiments curve on HM sample.

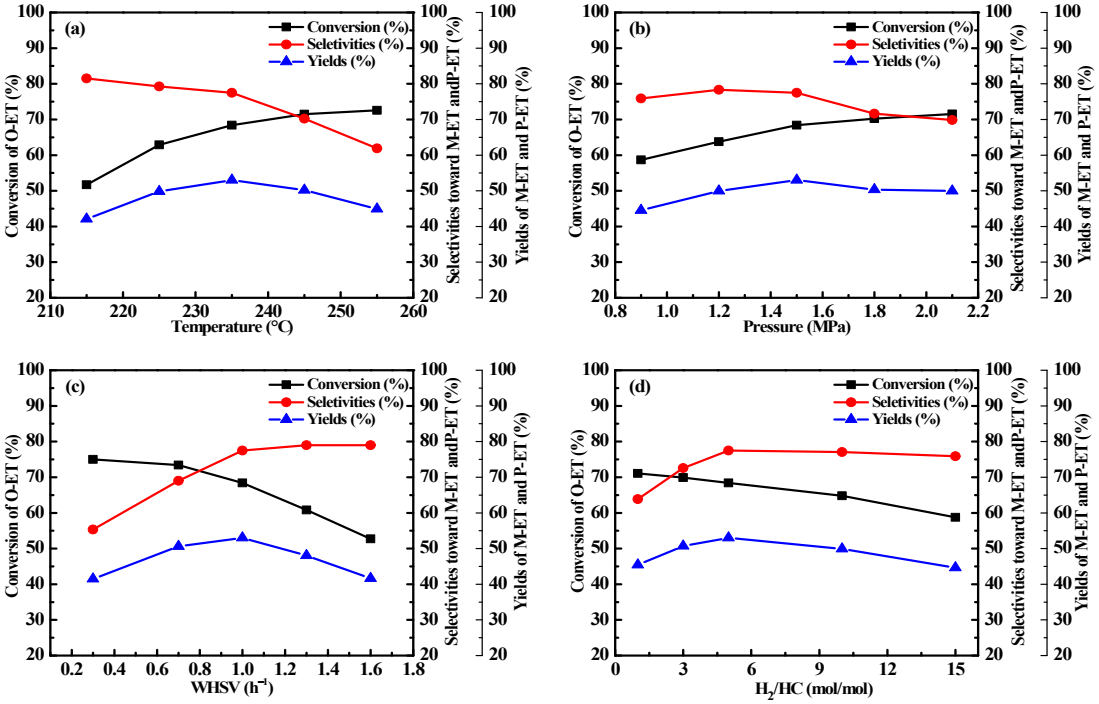

Fig. S2 Single-factor optimization of the isomerization reaction employing the 4% MgO/HM catalyst: (a) reaction temperature, (b) reaction pressure, (c) WHSV, and (d) H_2/HC (mol/mol).

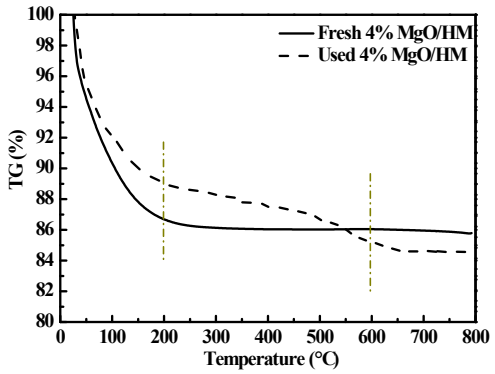

Fig. S3 The thermogravimetric (TG) curves of fresh 4% MgO/HM and used 4% MgO/HM catalysts after 21h TOS.

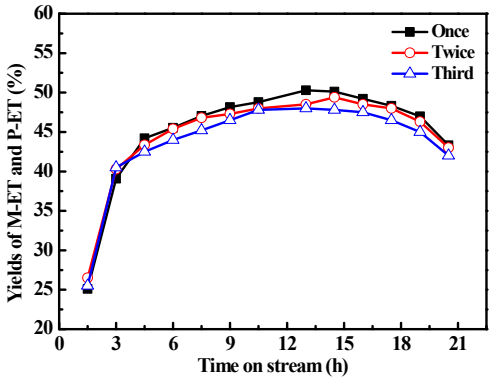

Fig. S4 Renewability of 4% MgO/HM catalyst.