Cite this: DOI: 10.1039/c0xx00000x

www.rsc.org/xxxxxx

ARTICLE TYPE

Styrene Oligomerization as a Molecular Probe Reaction for Brønsted Acidity at the Nanoscale

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Received (in XXX, XXX) Xth XXXXXXXXX 20XX, Accepted Xth XXXXXXXXX 20XX DOI: 10.1039/b000000x

Supporting Information

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1) X-ray diffraction measurements

XRD patterns were obtained at room temperature from 5° to 90° $\square 2\theta$ with a Bruker-AXS D8 Advance powder X-ray diffractometer, equipped with an automatic divergence slit, a Våntec-1 detector, and a Co K-alpha 1,2 (λ - 1.79026 Å) source.

In view of the obtained results the overall ZSM-5 zeolite structure is maintained after steaming, as revealed by the similitude of the XRD patterns presented in Figure S1.

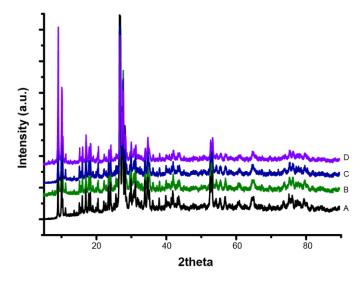


Fig. S1 XRD pattern of H-ZSM-5-P (A) and H-ZSM-5-600 (B), H-ZSM-5-700 (C) and H-ZSM-5-800 (D).