

Supporting Information

Assembling strategy to synthesize palladium modified kaolin nanocomposites with different morphologies

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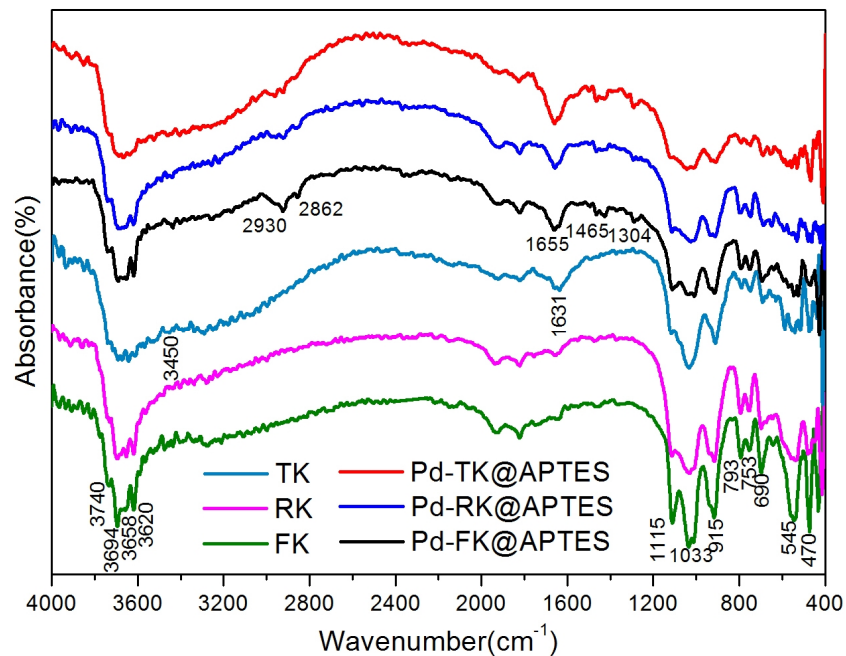


Figure S1. FTIR spectra of kaolins with different morphologies and Pd-kaolins@APTES.

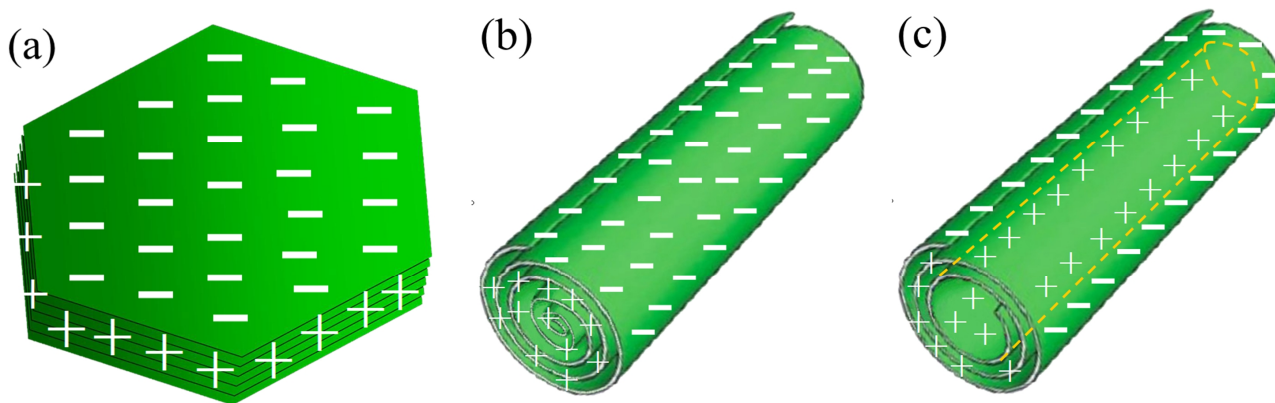


Figure S2. Schematic view of surface charge distributions of kaolins with different morphologies (a) flake-like, (b) rod-like, (c) tube-like.

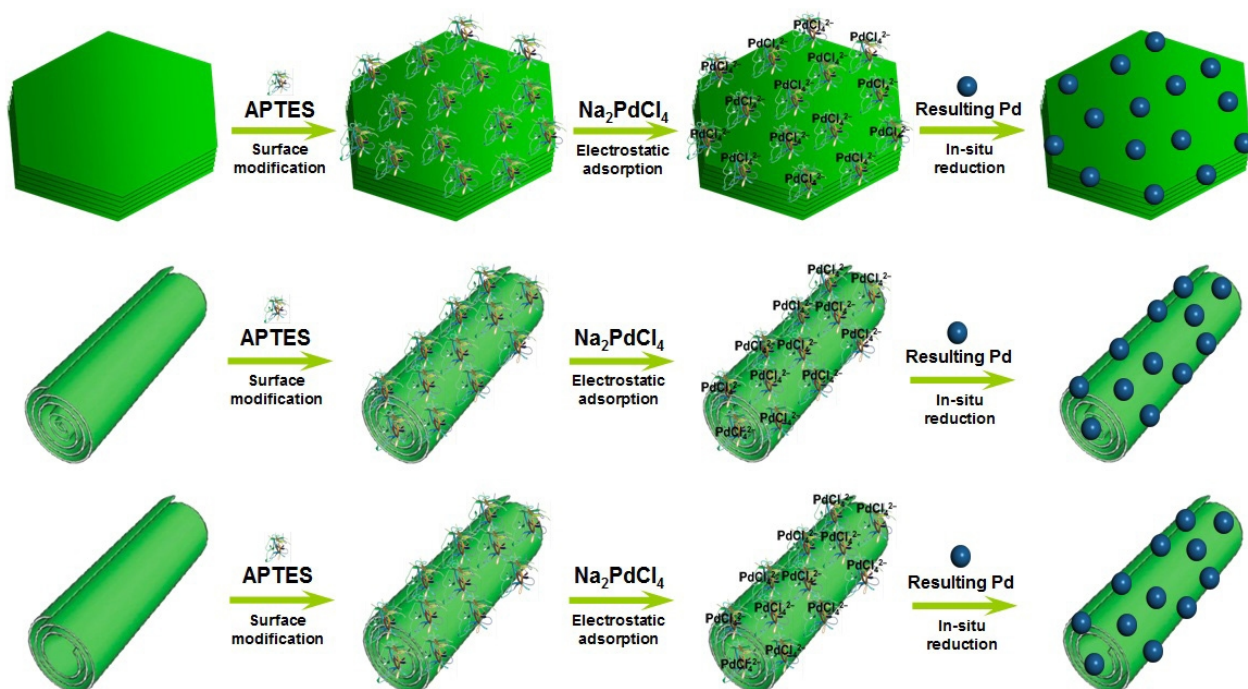


Figure S3. Schematic view of the process of anchoring Pd nanoparticles on kaolins with different morphologies.

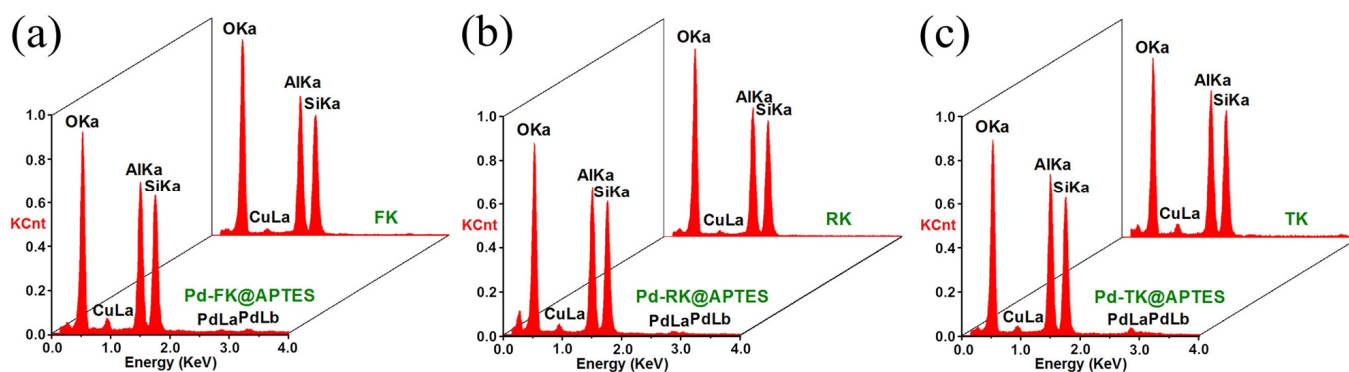


Figure S4. EDS spectra of (a) FK and Pd-FK@APTES, (b) RK and Pd-RK@APTES, (c) TK and Pd-TK@APTES.

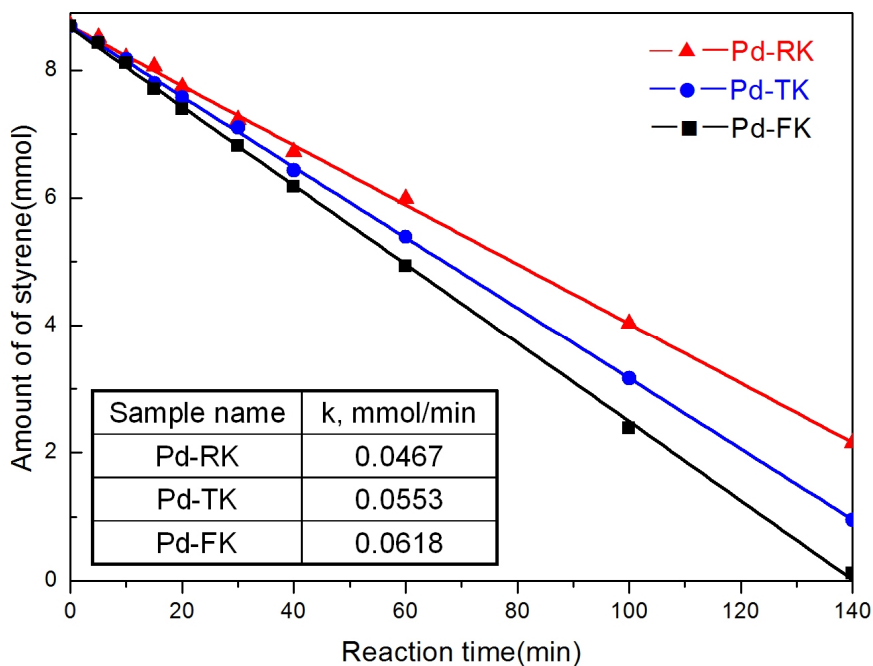


Figure S5. Styrene hydrogenation reaction curves of Pd-RK, Pd-TK and Pd-FK.