Electronic Supplementary Material (ESI) for Materials Chemistry Frontiers.

Supplementary Information

Palladium supported on amphiphilic porous organic polymer: a highly efficient catalyst for aminocarbonylation reaction in water

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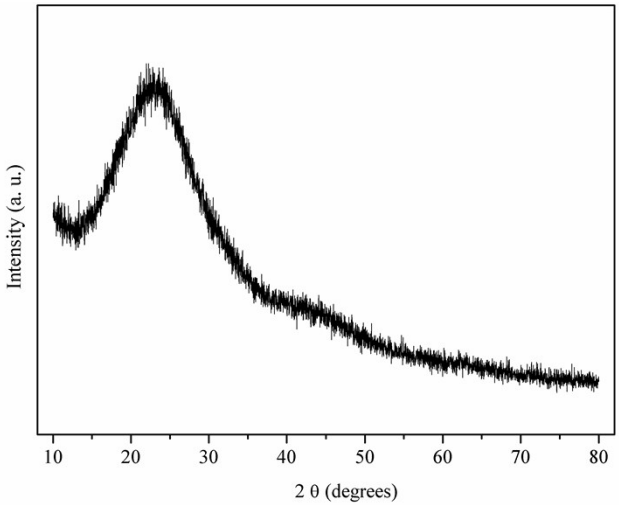

Fig. S1 XRD pattern of UPOP

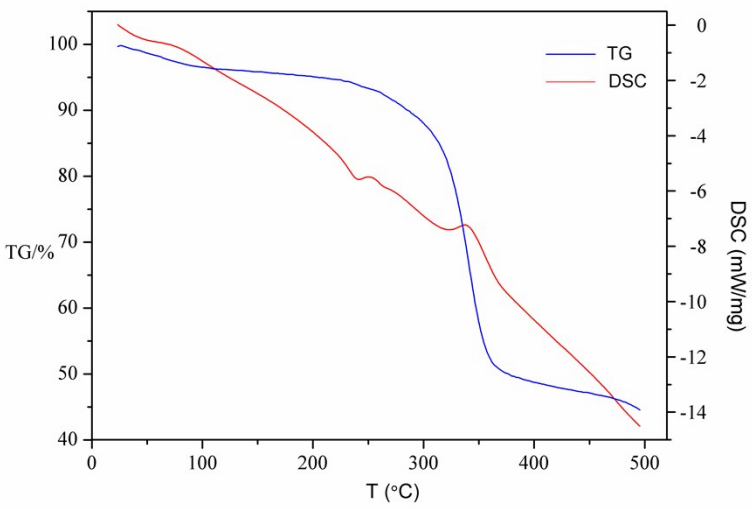

Fig. S2 TG and DSC curves of UPOP

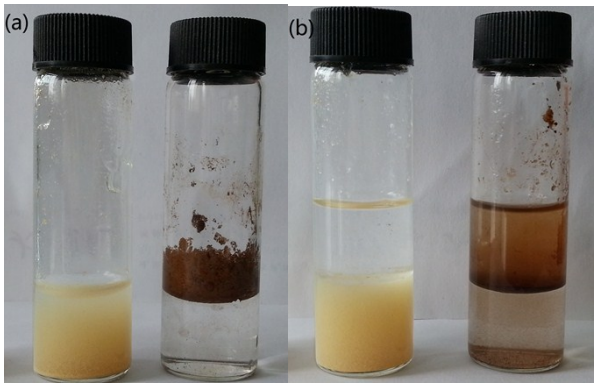

Fig. S3 Hydrophilic measurements, (a) in water: UPOP (left), KAPs(Ph-PPh_3) (right); (b) in water-hexane: UPOP (left), KAPs(Ph-PPh_3) (right).

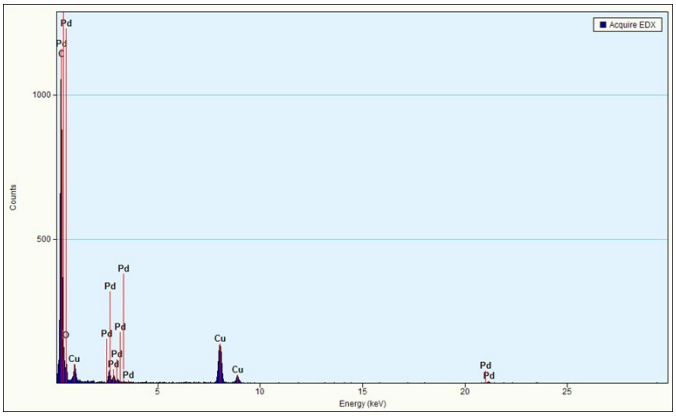

Fig. S4 EDS analysis for Pd@UPOP

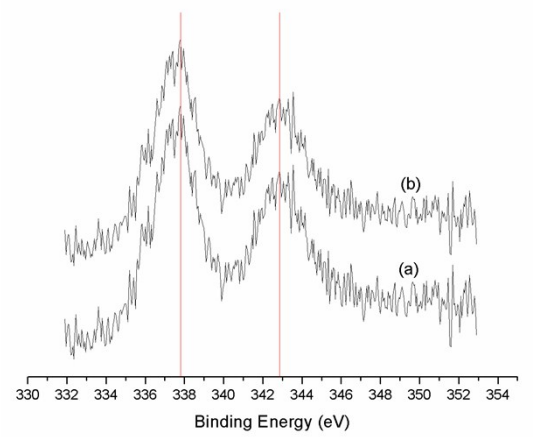

Fig. S5 spectra: (a) fresh Pd@UPOP; (b) Pd@UPOP after 2nd recycle