

Electronic Supporting Information (ESI)

A Novel Approach to the Construction of 3-D Ordered Macrostructure with Polyhedral Particles†

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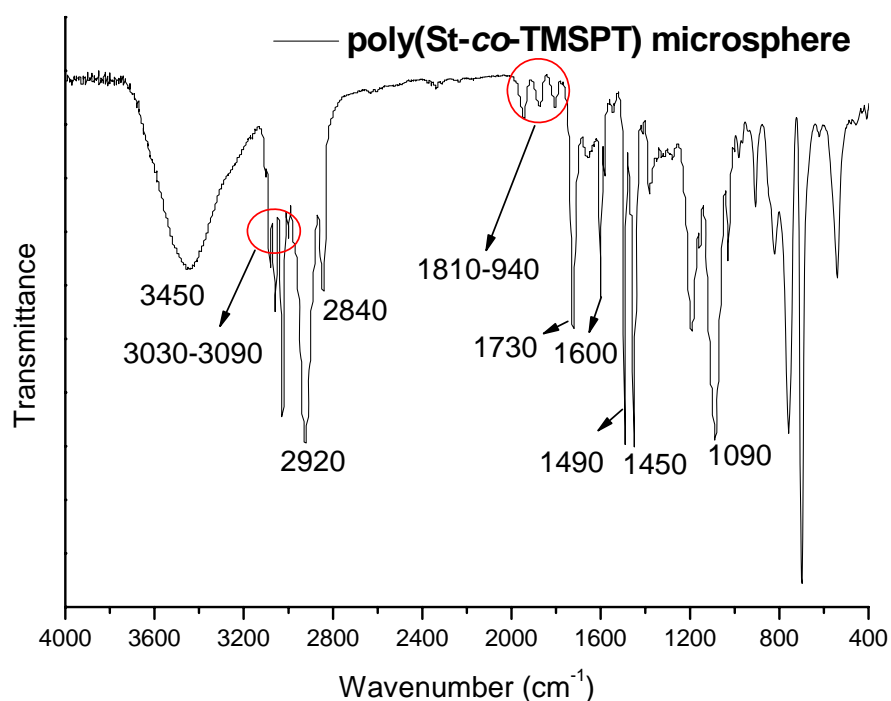


Figure S1. FT-IR spectrum of the as-synthesized monodispersed poly(St-co-TMSPT) microspheres.

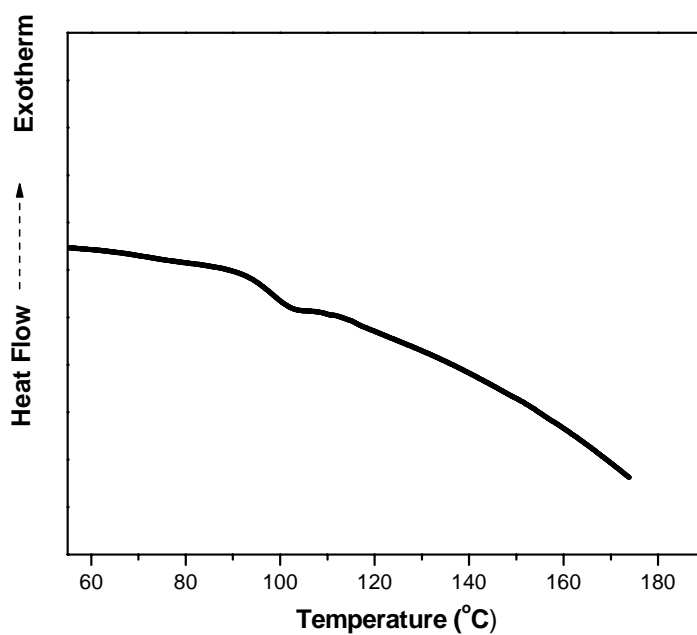


Figure S2 The DSC thermogram of the poly(St-co-TMSPT) microspheres with TMSPM content of 20% at a heating rate of 10°C/min under a nitrogen atmosphere.

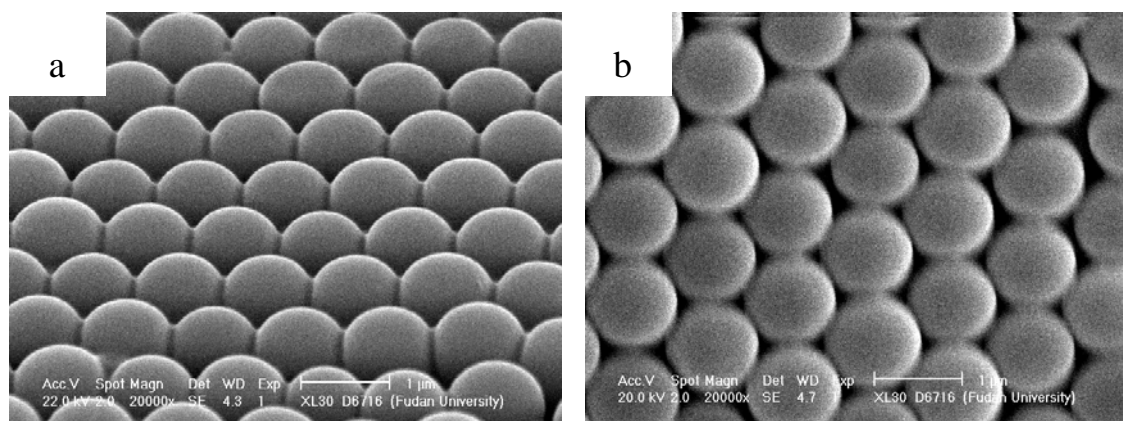


Figure S3 SEM images of the packed polymer microspheres obtained by the centrifugation of the poly(*St-co-TMSPT*) microspheres dispersed in ethanol solution containing (a) phenolic resols, (b) triblock copolymer F127.

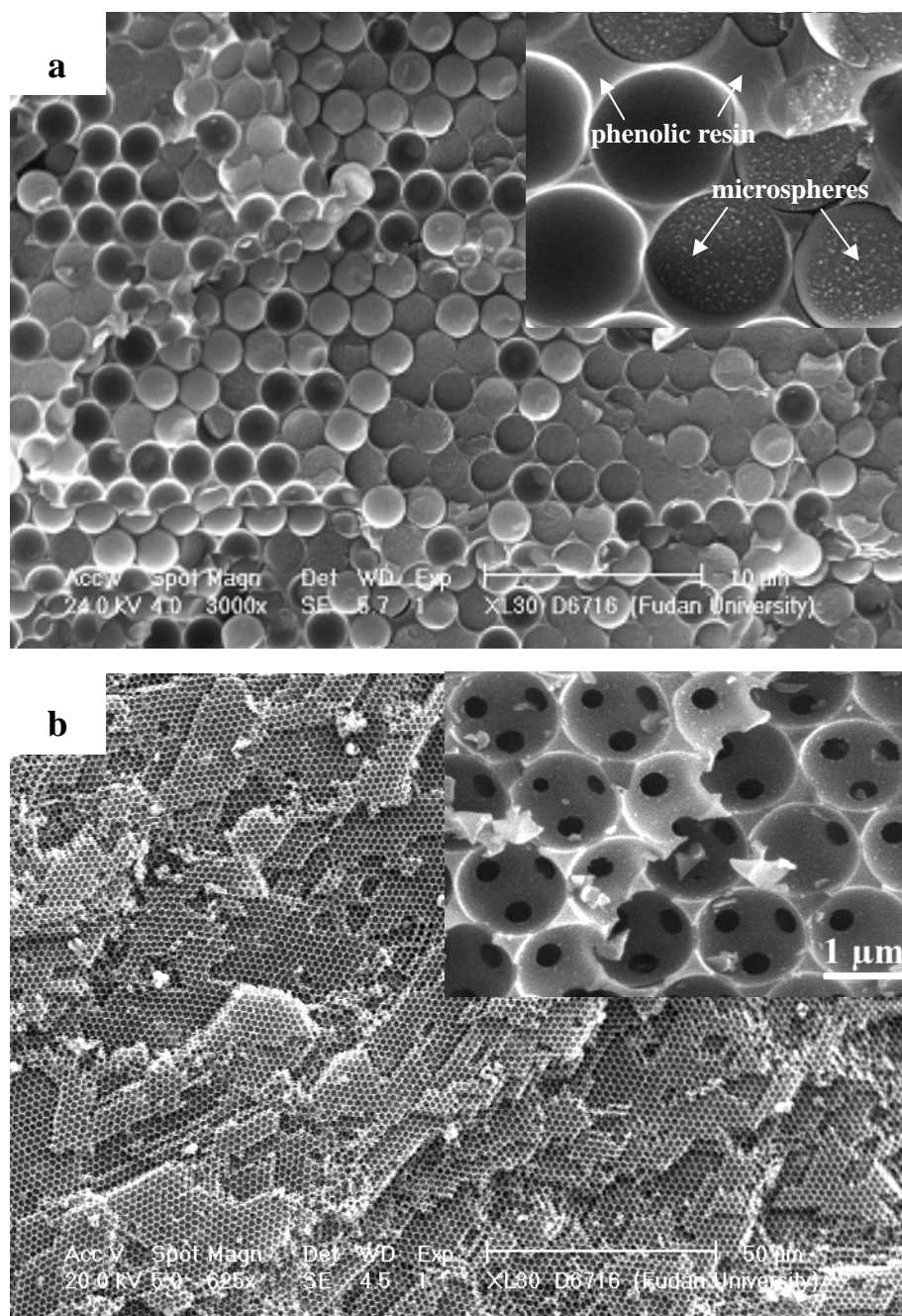


Figure S4. SEM images of (a) the packed poly(St-co-TMSPM) microspheres after impregnated with resols, followed by thermosetting at 90°C and (b) the ordered macroporous carbons obtained from (a) after pyrolyzed at 800°C in N₂. The inserts are the images with large magnification.