

Electronic Supplementary Material (ESI) for RSC Advances.

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Supplementary Information – RSC Advances

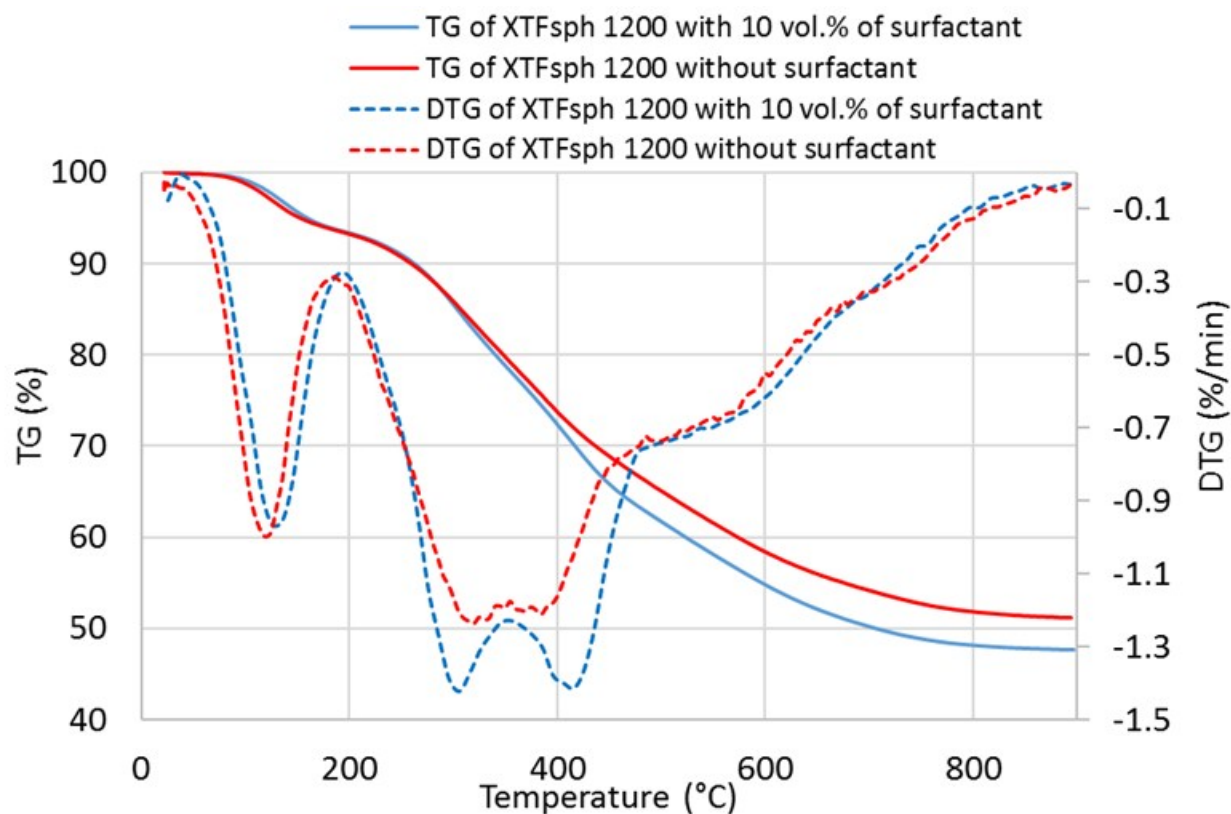


Fig. S1 TG/DTG curves of tannin-formaldehyde xerogel microspheres prepared at 1200 rpm and formulated with and without surfactant.

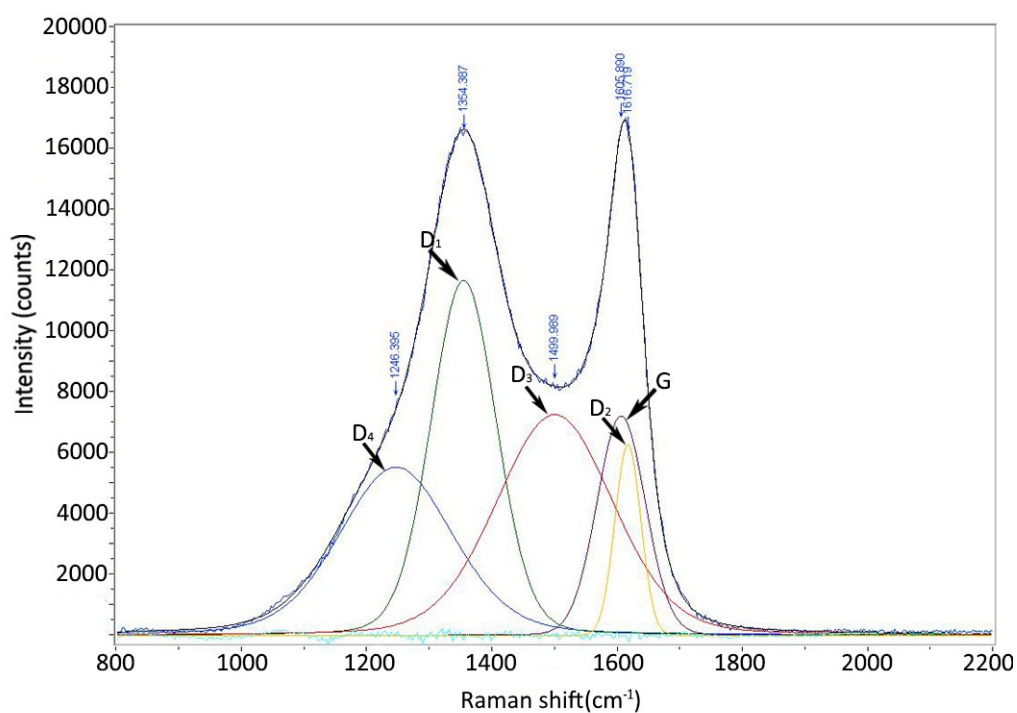


Fig. S2 Raman spectrum of carbon xerogel tannin-formaldehyde microspheres prepared at 200 rpm without surfactant

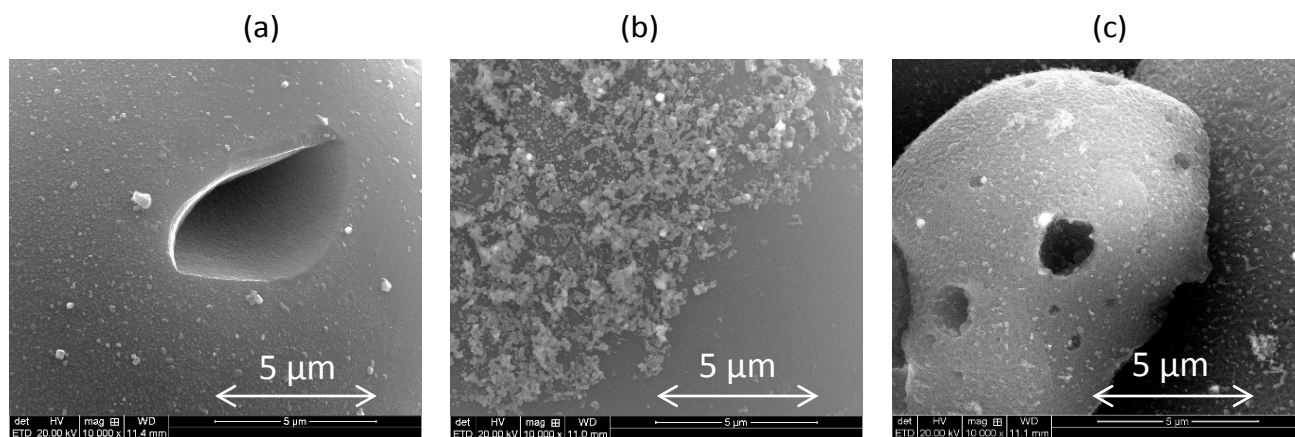


Fig. S3 SEM images of the surface of carbon xerogel microspheres prepared at the same stirring speed at 1200 rpm with different amounts of surfactant: (a) 0 vol. %; (b) 1 vol. %, (c) 10 vol. %.

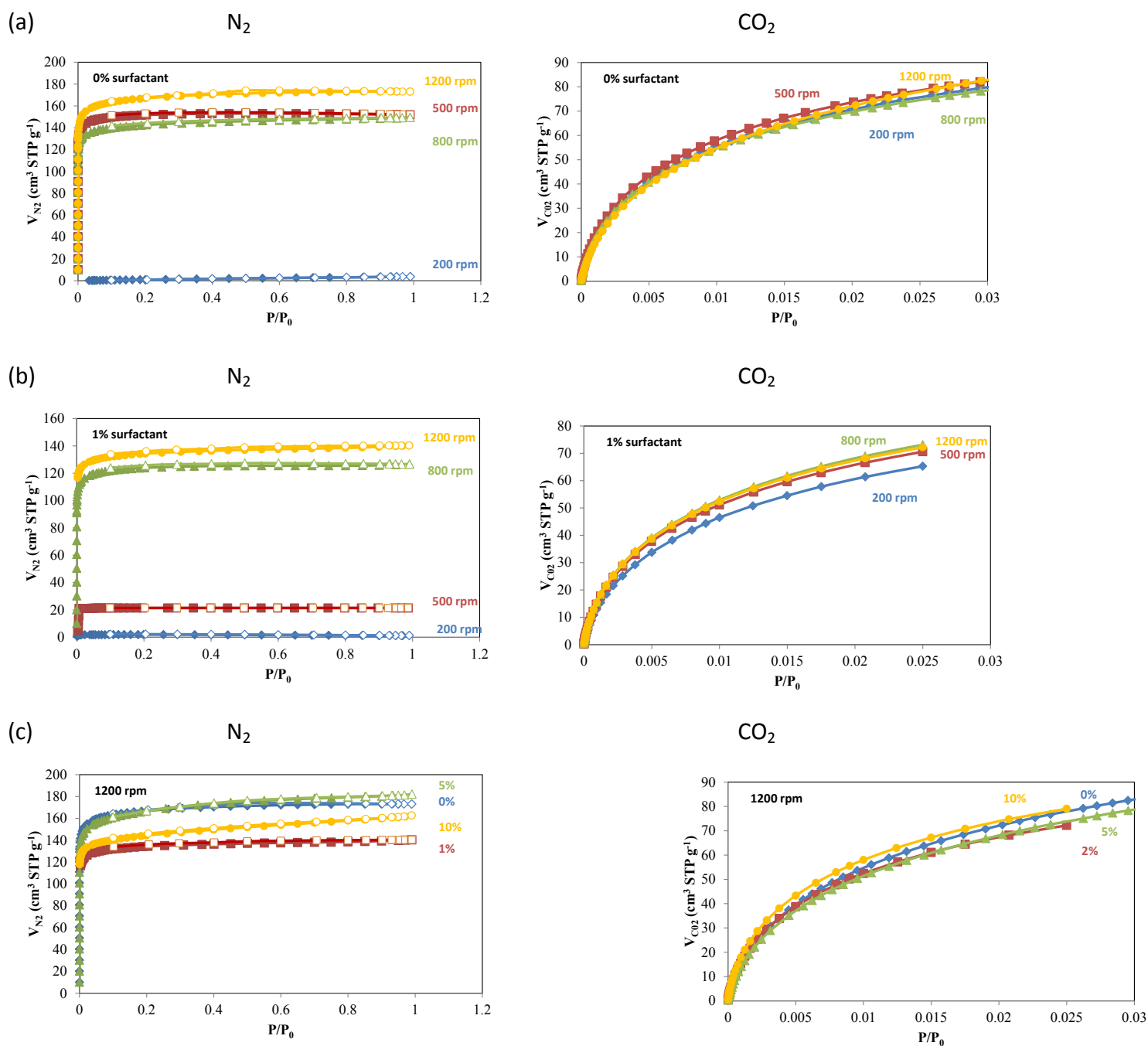


Fig.S4 Nitrogen and carbon dioxide adsorption isotherms at -196°C and 0°C, respectively, of carbon xerogel microspheres prepared: (a) without surfactant at different stirring speeds; (b) with 1 vol.% of surfactant at different stirring speeds; (c) with different amounts of surfactant at a stirring speed of 1200 rpm.

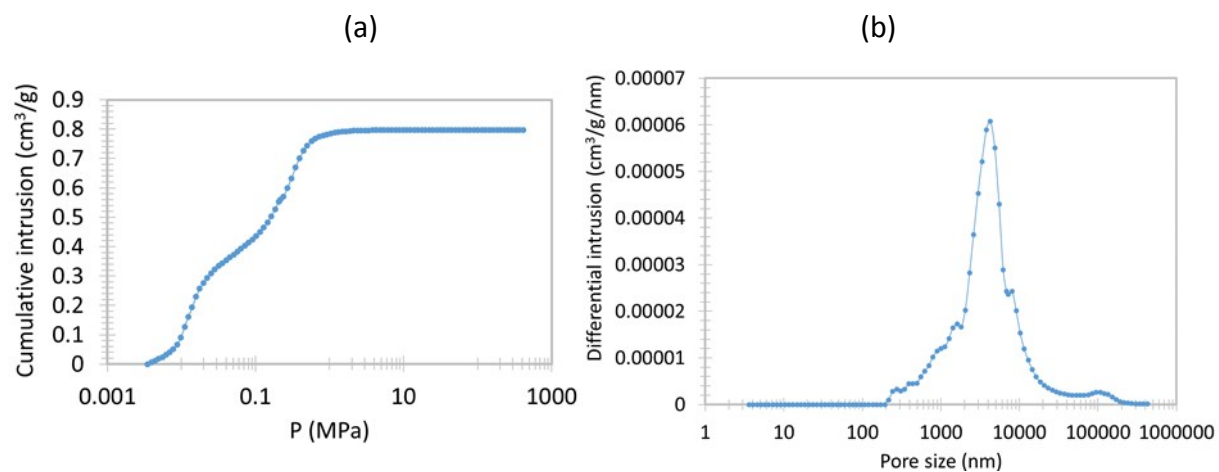


Fig.S5 Results of mercury porosimetry of CXTFsph 1200/10 sample: (a) raw intrusion curve; (b) corresponding pore-size distribution.