

Composite Microspheres with PAM Microgel Core and Polymerisable Surfactant/Polyoxometalate Complexes Shell

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Electronic Supplementary Information

Figure 1. SEM images of the PAM/APDDAB-PWA composite microspheres prepared using the porous PAM microspheres (cross-linker BS: 0.06 g) as templates. The weight ratio of APDDAB to PAM microgels: 5% (A, B); 10% (C, D); 30% (E, F); 50% (G, H). Without ultrasonication (A, C, E, G); with ultrasonication (B, D, F, H).

Figure 2. XPS spectrum of the PAM/APDDAB-PWA composite microspheres.

Figure 3. Thermogravimetric analysis of PAM microgels (a), the PAM/APDDAB-PWA composite microsphere (b) and APDDAB-PWA complexes (c).

Figure 4. EDX spectrum of the PAM/APDDAB-PWA composite microspheres.

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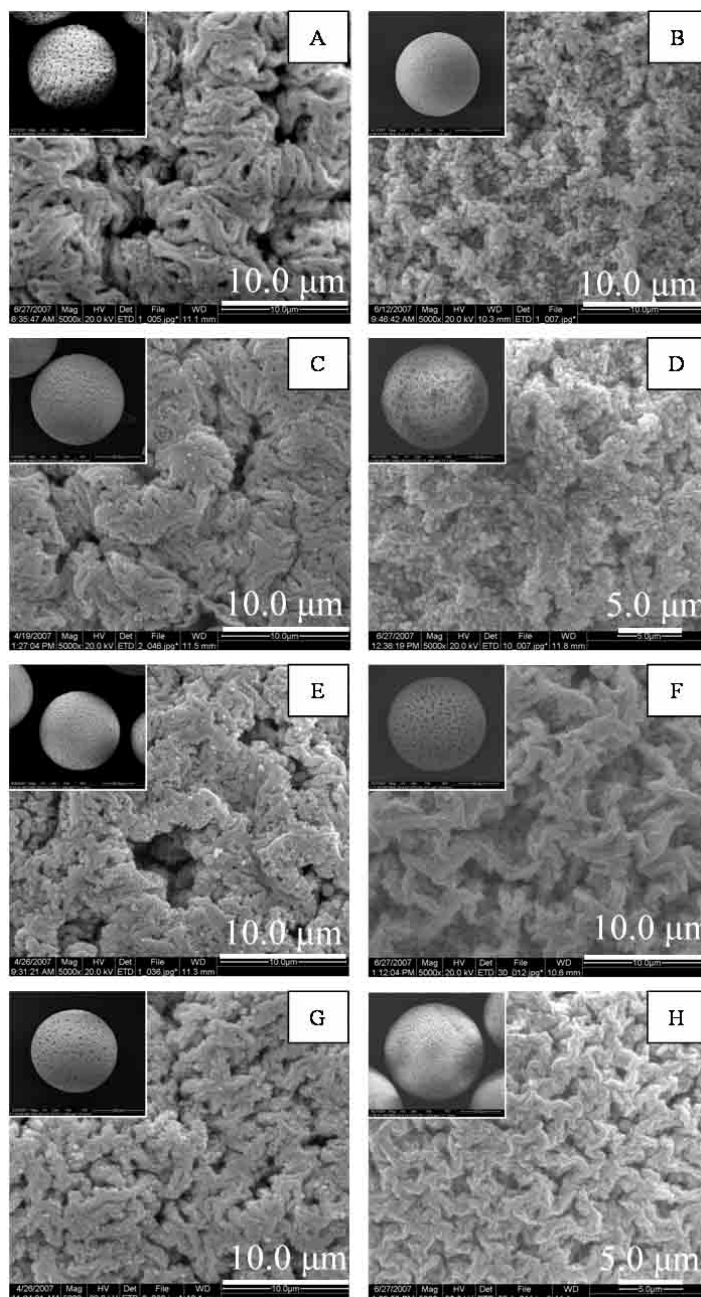


Figure 2. XPS spectrum of the PAM/APDDAB-PWA composite microspheres (Inlet: -NH and N⁺).

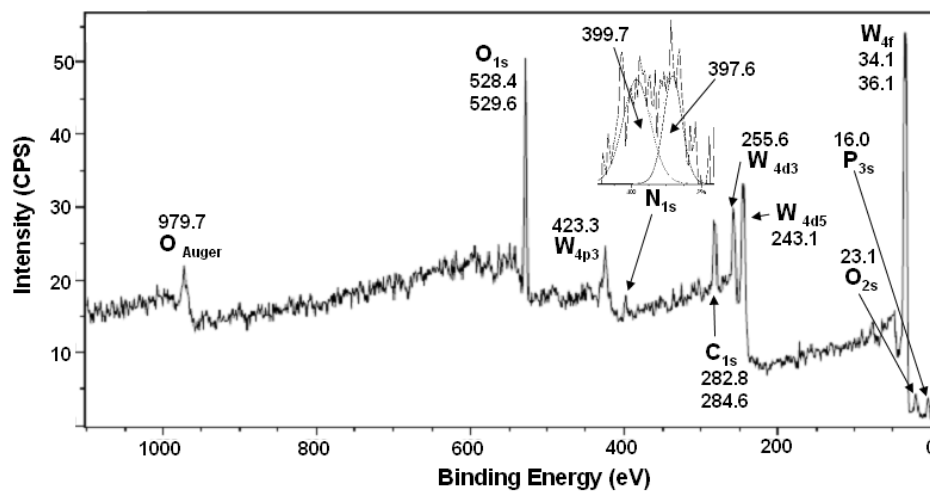


Figure 3. Thermogravimetric analysis of typical PAM microgels (a), the PAM/APDDAB-PWA composite microsphere (b) and APDDAB-PWA complexes (c).

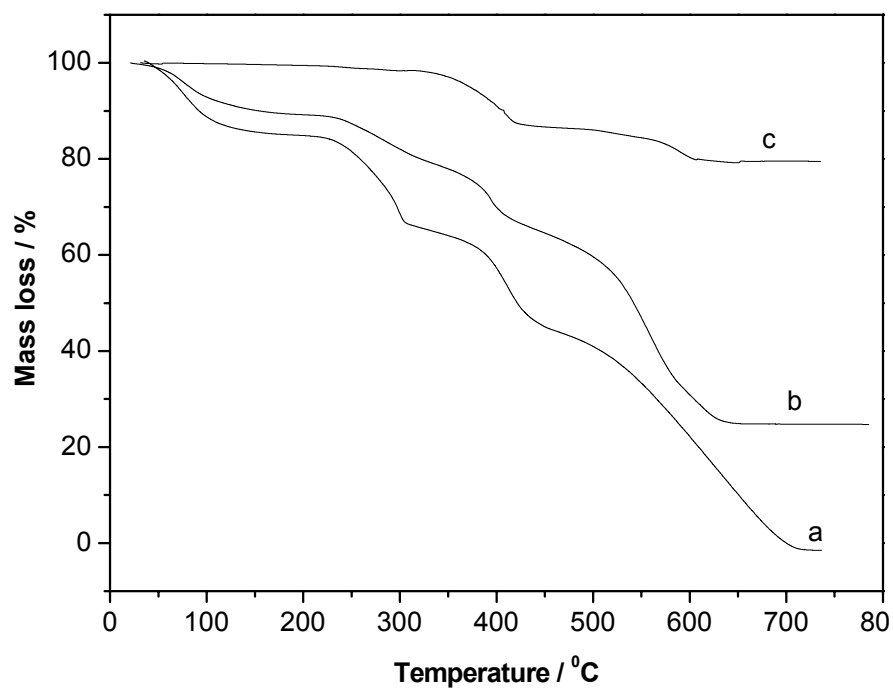


Figure 4. EDX spectrum of the PAM/APDDAB-PWA composite microspheres.

