Block copolymer route towards poly(vinylidene fluoride)/poly(methacrylic acid)/nickel nanocomposites

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Electronic Supplementary Information

**Figure S1.** DSC curves of (a) chlorine-terminated PVDF, (b) PrBMA-b-PVDF-b-PrBMA triblock copolymer and (c) PMAA-b-PVDF-b-PMAA after hydrolysis.
Figure S2. (a) Kinetic plot and (b) linear dependence of molecular weight on the monomer conversion.

Figure S3. SAXS patterns of PrBMA-\(b\)-PVDF-\(b\)-PrBMA (a) in the melt state at 180 °C and (b) at room temperature.
Figure S4. SEM image of a cross section of the polymer film after hydrolysis of the tert-butyl moieties of PtBMA.

Figure S5. Complete WAXS pattern of PVDF/PMAA/Ni nanocomposite.