

Supporting Information for
Synthesis of Low Dielectric Loss Poly(vinylidene fluoride-co-chlorotrifluoroethylene)-g-poly(methyl methacrylate) with Photo-induced Metal-free ATRP

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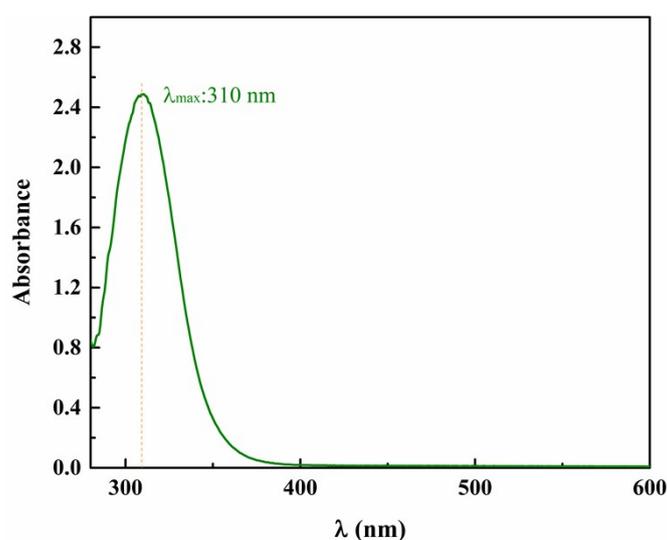


Figure S1. UV/Vis spectrum of photocatalyst Me-PTZ in DMF.

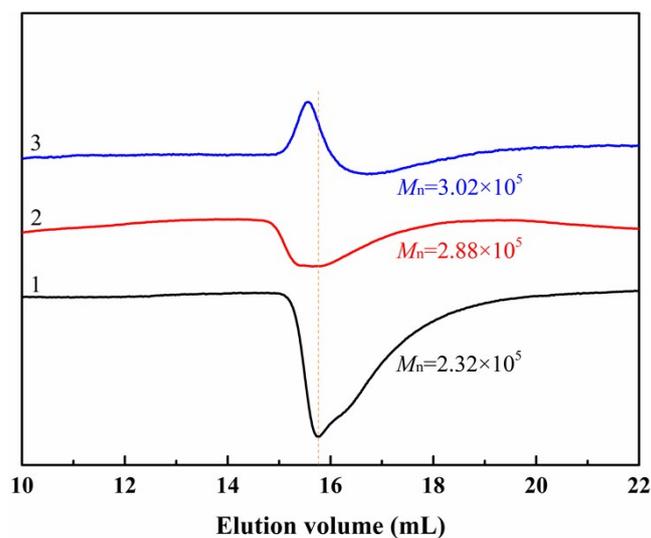


Figure S2. GPC traces of P(VDF-CTFE) (line 1) and P(VDF-CTFE)-g-PMMA (line 2: 19.5 wt% PMMA; line 3: 23.3 wt% PMMA).

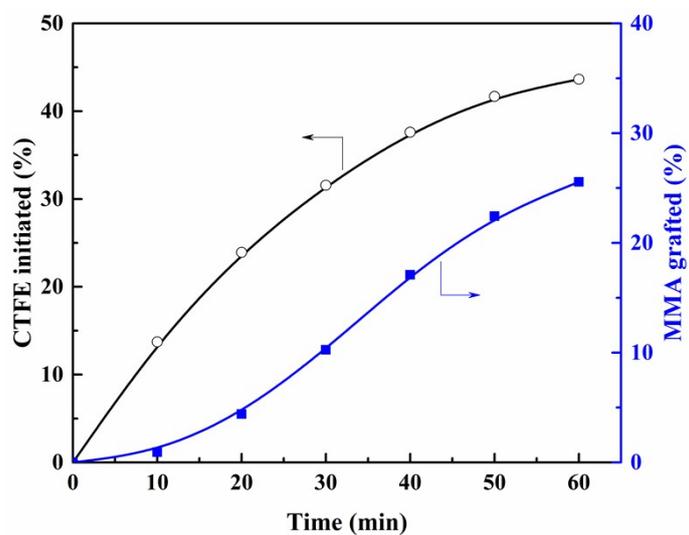


Figure S3. The initiated CTFE (%) and MMA grafted (%) vs reaction time during typical ATRP process catalyzed with CuCl/Bpy.

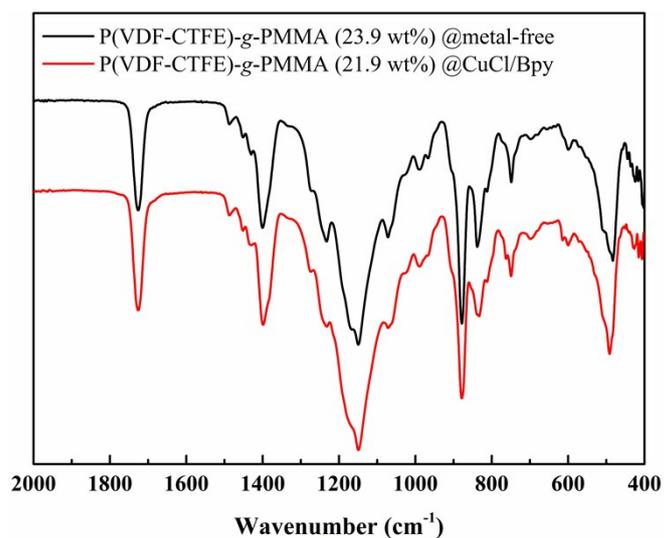


Figure S4. FTIR spectra of P(VDF-CTFE)-g-PMMA obtained with different catalytic system.

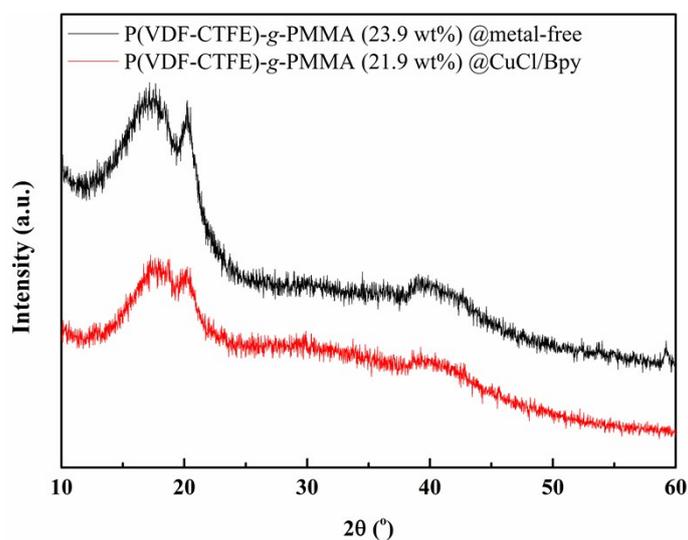


Figure S5. XRD spectra of P(VDF-CTFE)-g-PMMA obtained with different catalytic system.

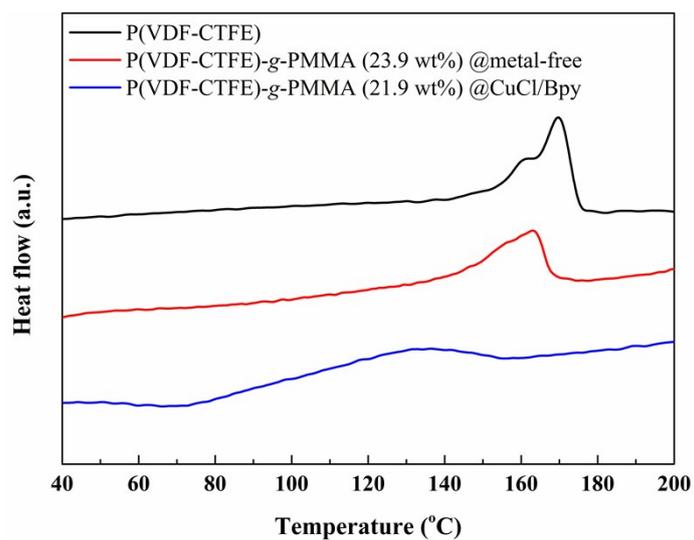


Figure S6. DSC curves of P(VDF-CTFE) and P(VDF-CTFE)-g-PMMA obtained with different catalytic system.