

Supporting information for

Well-defined grafted copolymers of *tert*-butyldimethylsilyl methacrylate and poly(dimethylsiloxane) macromonomers synthesized by RAFT polymerization

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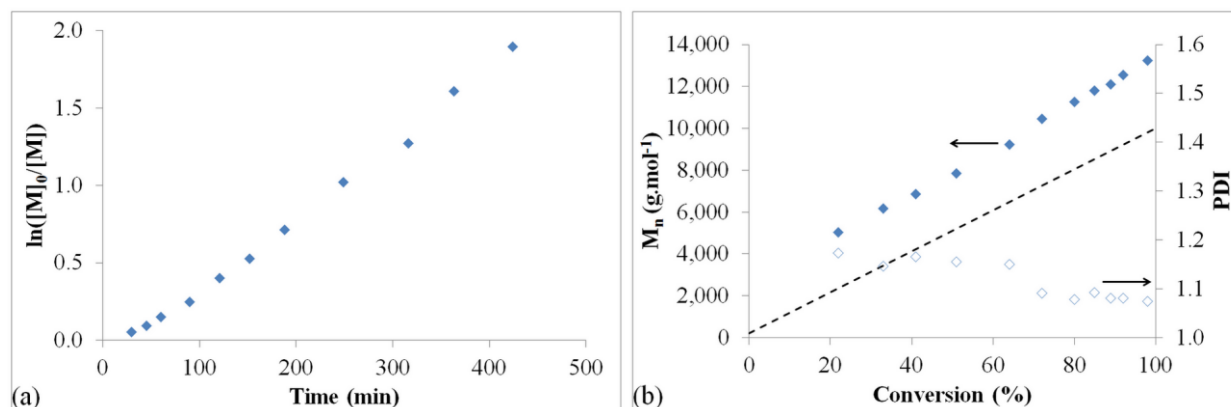


Figure S1: (a) Kinetic plots and (b) evolution of M_n and PDI versus conversion for the RAFT homopolymerization of TBDMSiMA, in the presence of CPDB, at 70°C, in xylene.

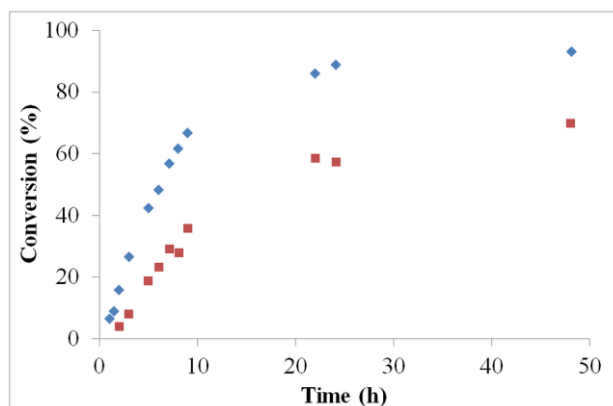


Figure S2: Evolution of the monomer conversion versus time for the RAFT homopolymerization of \blacklozenge PDMSMA1k and \blacksquare PDMSMA5k, in the presence of CPDB, at 70°C, in xylene.

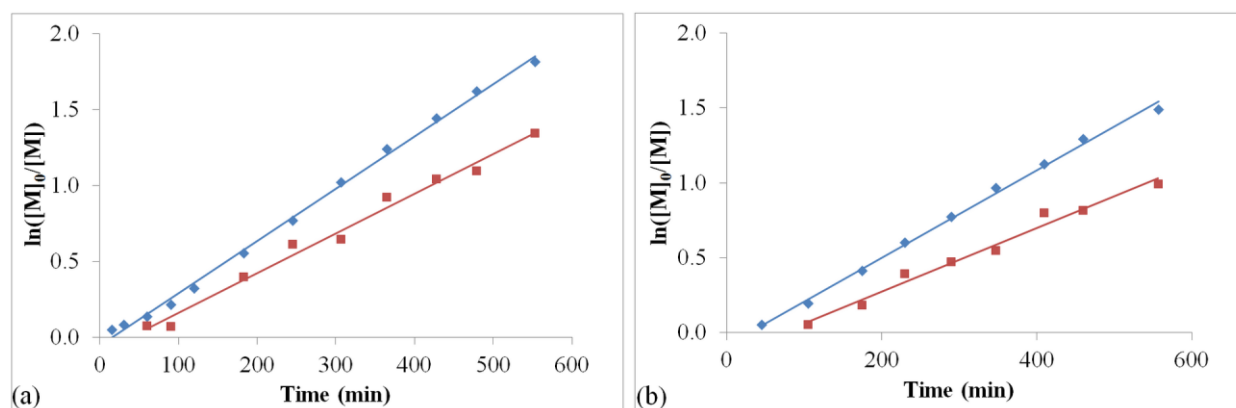


Figure S3: Kinetic plots for the RAFT copolymerization, in the presence of CPDB, at 70°C, in xylene, of (a) ◆ TBDMSiMA and ■ PDMSMA1k, and (b) ◆ TBDMSiMA and ■ PDMSMA5k.

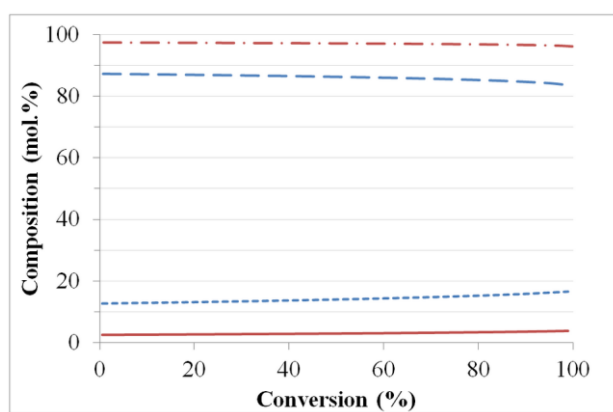


Figure S4: Composition drift of — PDMSMA5k copolymerized with TBDMSiMA, - - PDMSMA1k copolymerized with TBDMSiMA, - · - TBDMSiMA copolymerized with PDMSMA5k, and - - TBDMSiMA copolymerized with PDMSMA1k, calculated from the values of r_{TBDMSiMA} , for RAFT copolymerization in the presence of CPDB, at 70°C, in xylene.