

Supplementary Materials

Surface-Initiated Photoinduced Iron-Catalyzed Atom Transfer Radical Polymerization with ppm Concentration of FeBr₃ under Visible Light

Monika Słowikowska ¹, Kamila Chajec ¹, Adam Michalski ^{1,2}, Szczepan Zapotoczny ¹ and Karol Wolski ^{1,*}

¹ Faculty of Chemistry, Jagiellonian University, Gronostajowa 2, 30-387 Kraków, Poland; slowikowska@chemia.uj.edu.pl (M.S.); kamila.chajec@spoko.pl (K.C.); michadam@cbmm.lodz.pl (A.M.); zapotocz@chemia.uj.edu.pl (S.Z.)

² Center of Molecular and Macromolecular Studies, Polish Academy of Sciences, Sienkiewicza 112, 90-363 Lodz, Poland

* Correspondence: wolski@chemia.uj.edu.pl

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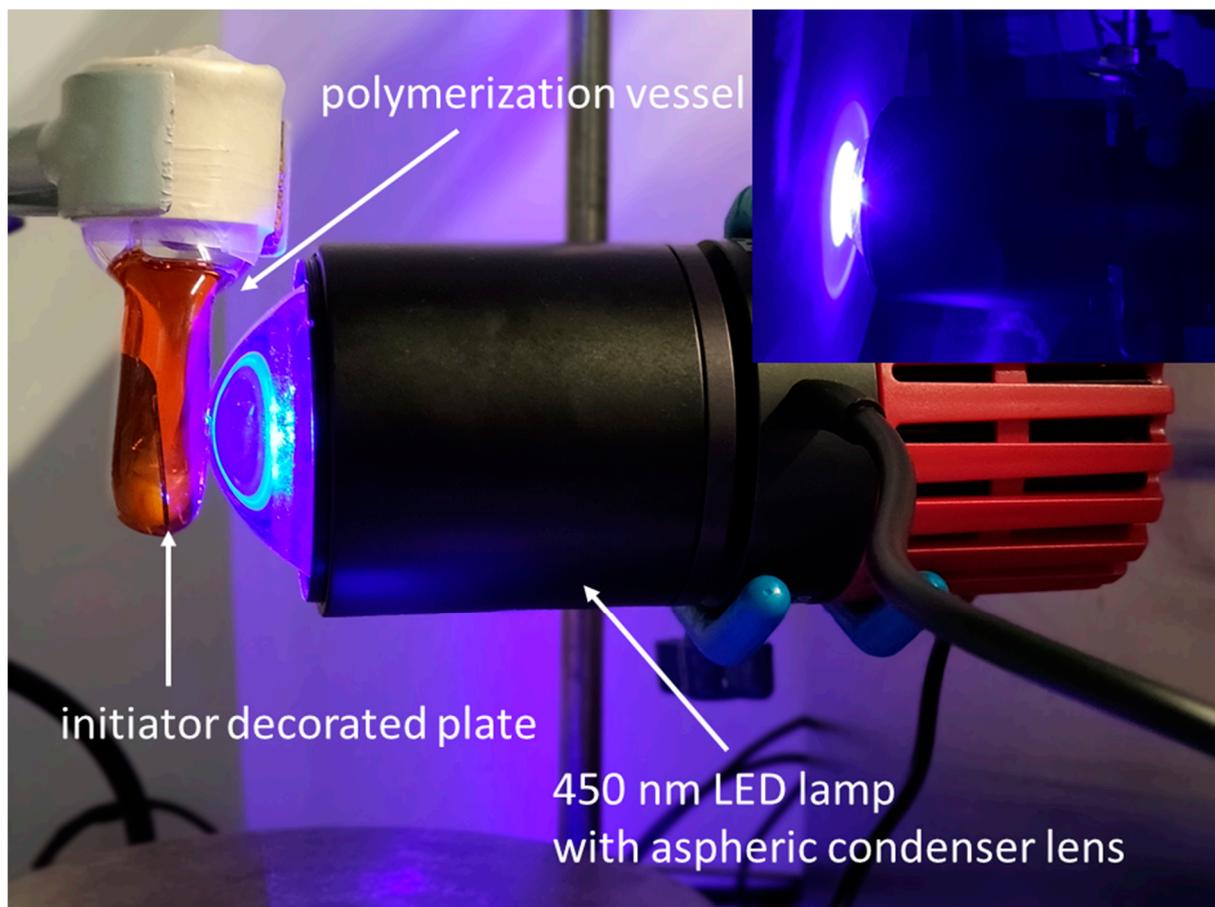


Figure S1. Photo of the reaction system.

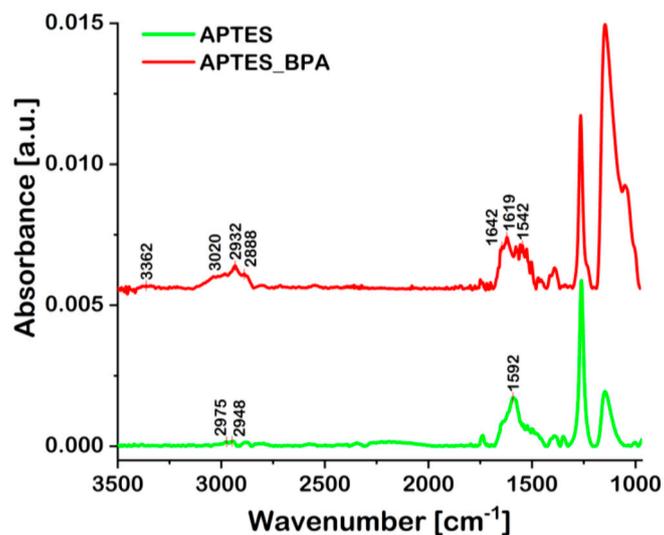


Figure S2. FTIR spectra of APTES and APTES-BPA modified ITO plate.

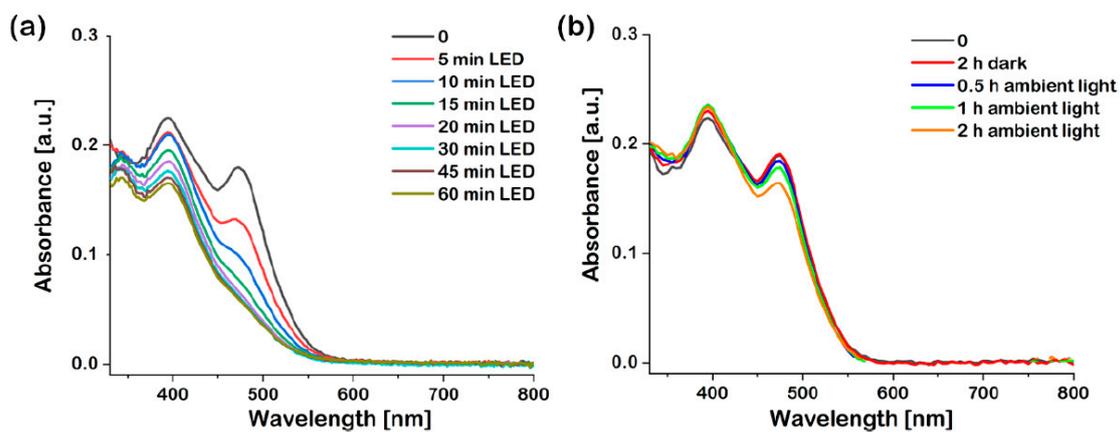


Figure S3. UV-VIS spectra of the polymerization mixture ($[MMA]/[FeBr_3]/[TBABr] = 100/0.02/0.02$): (a) after various irradiation times with 450 nm LED light, and (b) exposed to ambient light and kept in darkness. The polymerization mixture was diluted 30 times before the measurements ($[FeBr_3] = 0.03$ mM).