Block Copolymers based on 2-Methyl- and 2-Phenyl-oxazoline by Metallocene-Mediated Cationic Ring-Opening Polymerization.

Synthesis and Characterization.

*Maria-Evgenia Kourti, Eirini Fega and Marinos Pitsikalis*

Industrial Chemistry Laboratory, Department of Chemistry, National and Kapodistrian University of Athens, Panepistimiopolis Zografou, 15771 Athens Greece

Supplementary Information
SI 1: Monitoring the synthesis of a PPhOx-\textit{b}-PMeOx block copolymer by SEC

SI 2: Derivative weight change with temperature for PMeOx
SI 3: Derivative weight change with temperature for PPhOx
SI 4: Derivative weight change with temperature for PMeOx- \textit{b}-PPhOx sample 2
SI 5: Derivative weight change with temperature for PMeOx-\textit{b}-PPhOx sample 3
SI 6: Derivative weight change with temperature for PMeOx-\(b\)-PPhOx sample 4
SI 7: Derivative weight change with temperature for PMeOx-\textit{b}-PPhOx sample 5

SI 8: Monitoring the synthesis of a PeCL-\textit{b}-PMeOx block copolymer by SEC
SI 9: Derivative weight change with temperature for PεCL
SI 10: Derivative weight change with temperature for P©CL-b-PMeOx sample 1
SI 11: Derivative weight change with temperature for PεCL-\(b\)-PMeOx sample 3
SI 12: Derivative weight change with temperature for PεCL-\(b\)-PMeOx sample 4