

Statistical copolymers of n-butyl vinyl ether and 2-chloroethyl vinyl ether via metallocene mediated cationic polymerization. A scaffold for the synthesis of graft copolymers

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Supporting Information

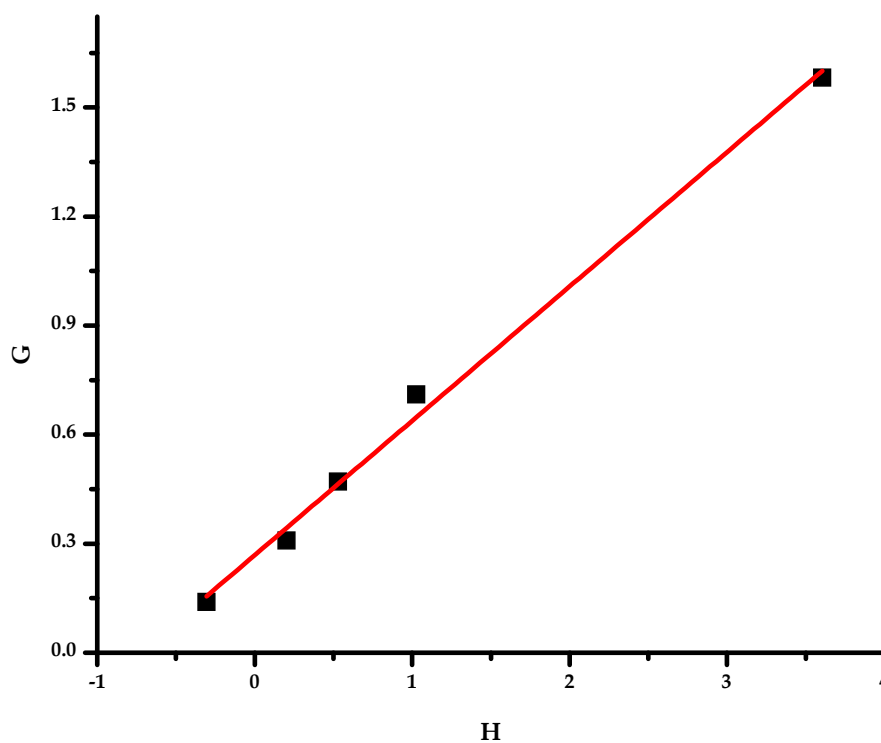


Figure S1. FR plot for the determination of the reactivity ratios for the PBVE-co-PCEVE

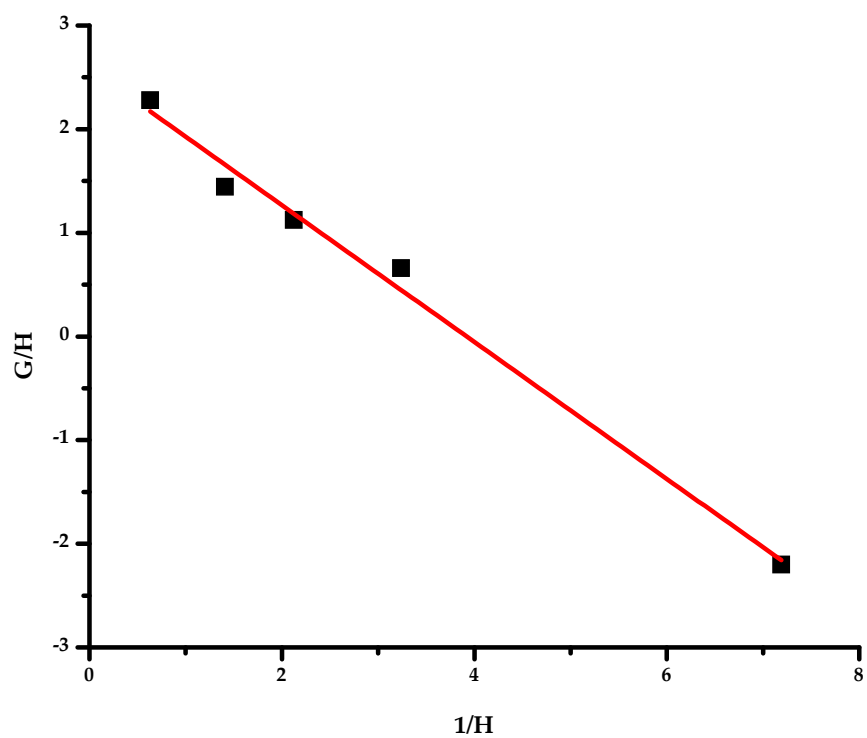


Figure S2. iFR plot for the determination of the reactivity ratios for the PBVE-co-PCEVE

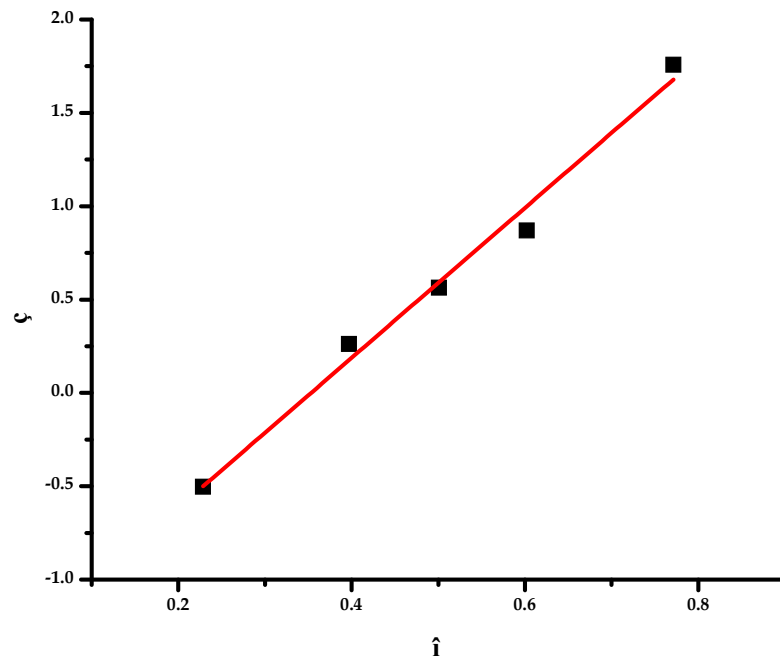


Figure S3. KT plot for the determination of the reactivity ratios for the PBVE-co-PCEVE

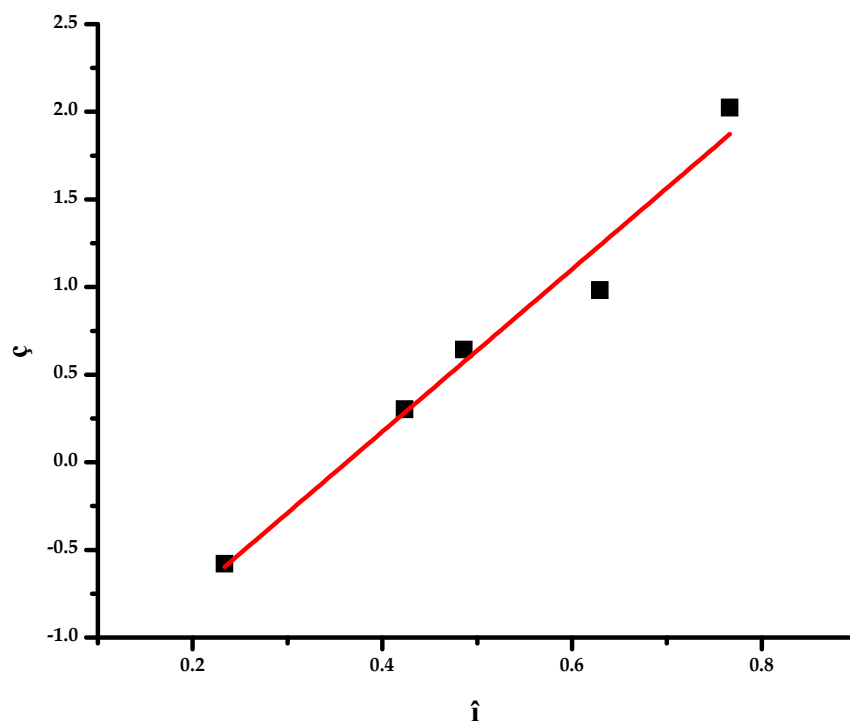


Figure S4. ext KT plot for the determination of the reactivity ratios for the PBVE-co-PCEVE

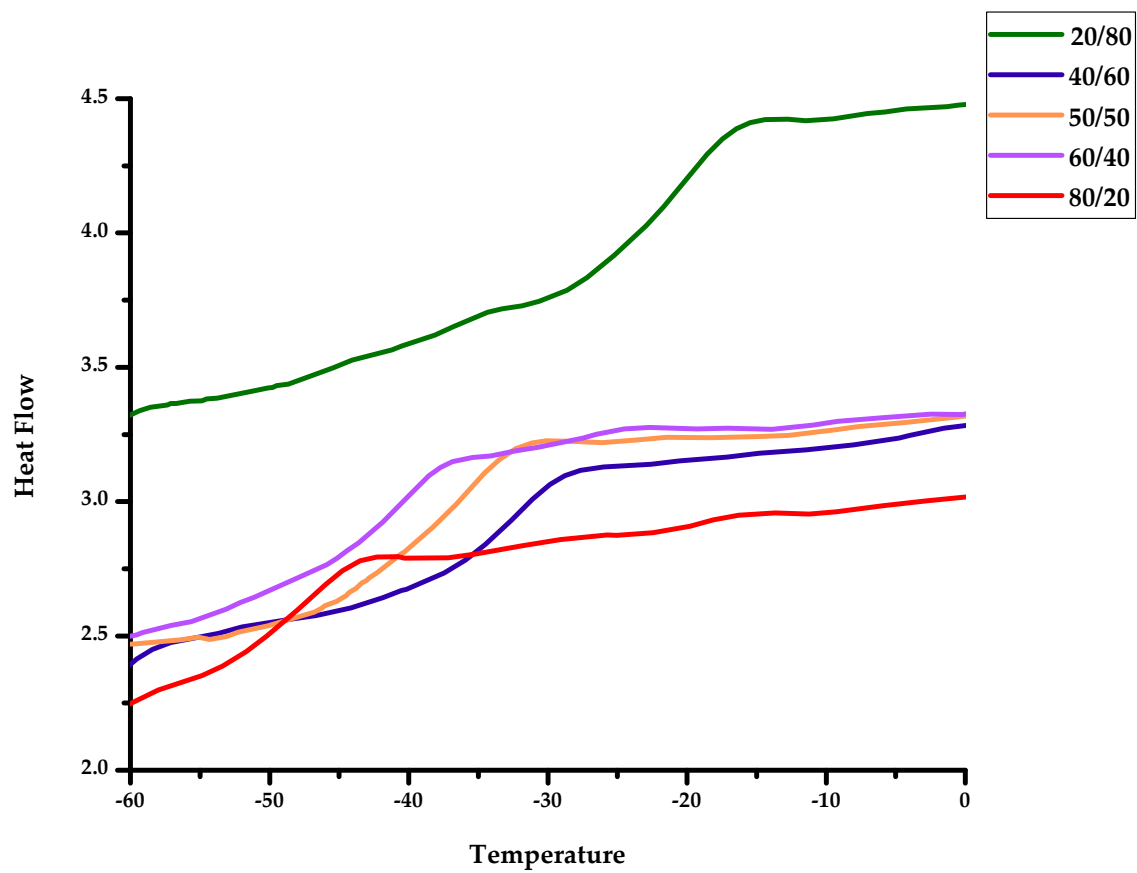


Figure S5. DSC thermograms for the statistical copolymers

Table S1. Copolymerization data for the synthesis of the statistical copolymers PBVE-co-PCEVE

SAMPLE	M _{BVE}	dM _{BVE}	M _{CEVE}	dM _{CEVE}	X	Y	G _m	H _m	G _m /H _m	1/H _m	η (KT)	ξ (KT)	η (ext KT)	ξ (ext KT)
20/80	0.2000	0.3100	0.8000	0.6900	0.2500	0.4493	-0.3065	0.1391	-2.2029	7.1884	-0.5038	0.2287	-0.5800	0.2336
40/60	0.4000	0.5900	0.6000	0.4100	0.6667	1.4390	0.2034	0.3089	0.6585	3.2378	0.2614	0.3970	0.3017	0.4234
50/50	0.5000	0.6800	0.5000	0.3200	1.0000	2.1250	0.5294	0.4706	1.1250	2.1250	0.5633	0.5007	0.6435	0.4860
60/40	0.6000	0.7600	0.4000	0.2400	1.5000	3.1667	1.0263	0.7105	1.4444	1.4074	0.8700	0.6023	0.9810	0.6294
80/20	0.8000	0.9100	0.2000	0.0900	4.0000	10.1111	3.6044	1.5824	2.2778	0.6319	1.7569	0.7713	2.0226	0.7664