

Supplementary information

Figure S1. FT-IR spectra of (a) PAA and (b) PI copolymers.

Figure S2. X-ray diffraction patterns of the PI copolymers.

Table S1. The solubility of the PAA copolymers in the different solvents.

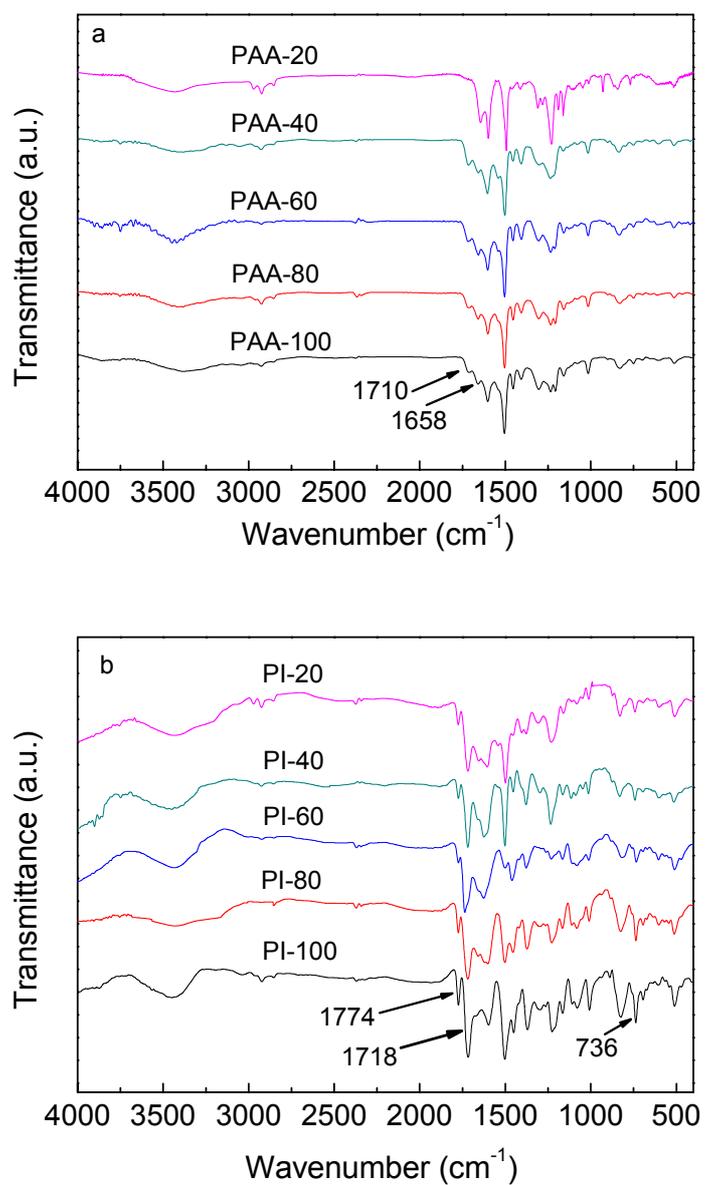


Figure S1.

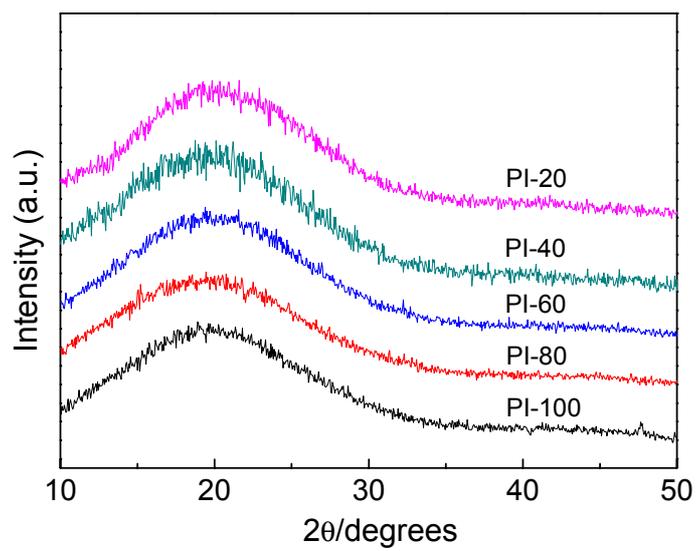


Figure S2.

	CH ₂ Cl ₂	CHCl ₃	Acetone	THF	DMAc
PAA-20	-	+	-	+	+
PAA-40	-	+ -	-	+	+
PAA-60	-	-	+ -	+	+
PAA-80	-	-	+	+	+
PAA-100	-	-	+	+	+

The solubility of the PAA-X was determined with 5% solid content at 25°C; + :soluble; +- :partially soluble; - :insoluble.

Table S1.