

Supporting information:

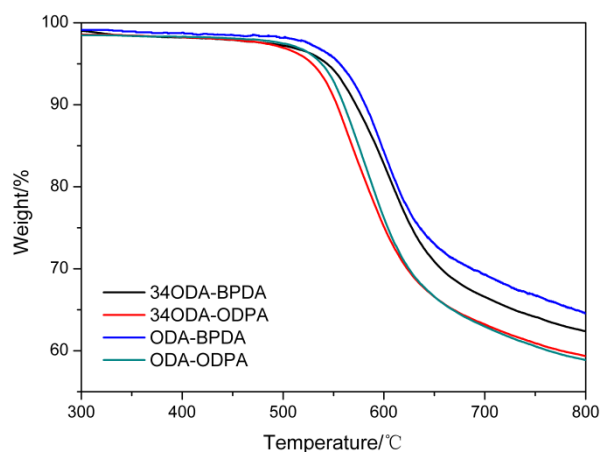


Fig. S1 TGA curves of PIs.

Table S1 Mechanical properties of PIs

PI	E(MPa)	σ (MPa)	ϵ (%)
ODA-BPDA	1525.5±149.8	137.8±0.9	42.5±8.5
ODA-ODPA	1370.7±62.6	132.8±5.3	50.4±7.3
34ODA-BPDA	2012.7±139.6	181.2±8.2	115.9±0.2
34ODA-ODPA	1487.3±72.4	123.6±1.1	41.8±3.0

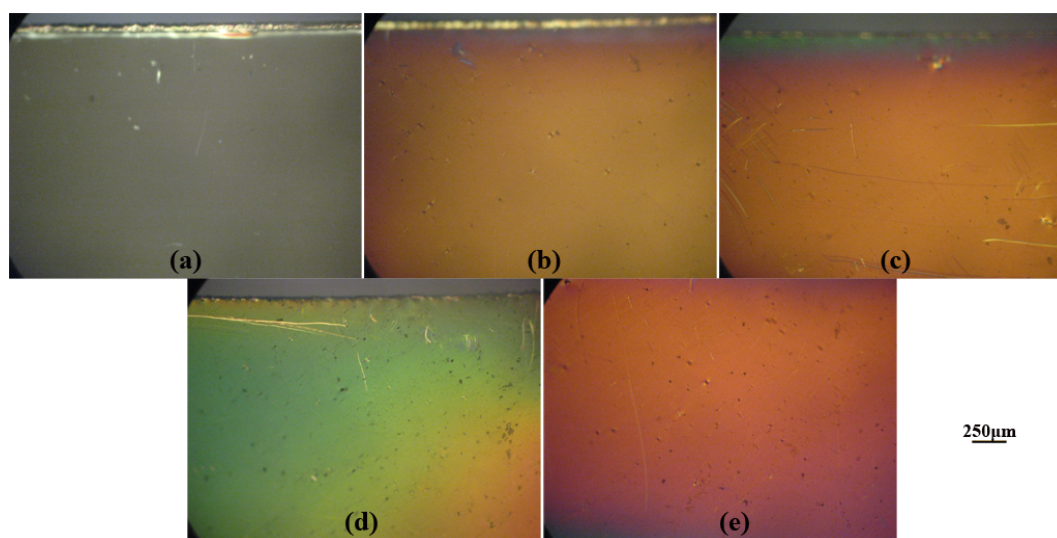


Fig. S2 POM images of ODA-BPDA after different cycle times.