

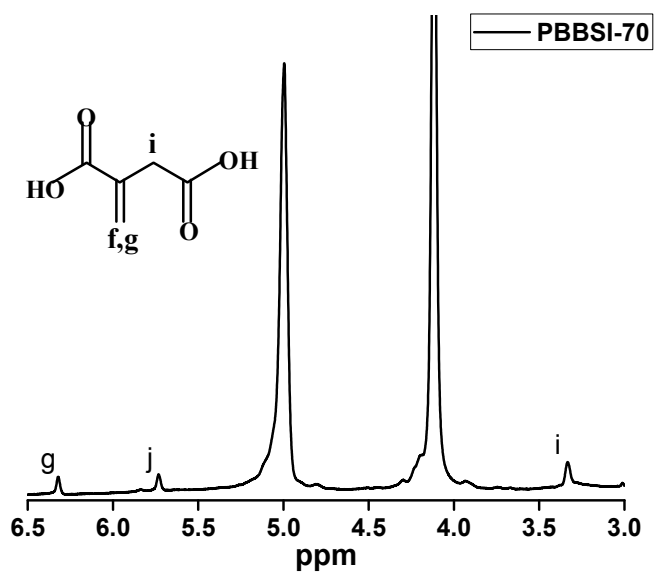


Fig S1 Partial enlarged detail of ^1H -NMR spectra of PBBSI-70 copolyesters

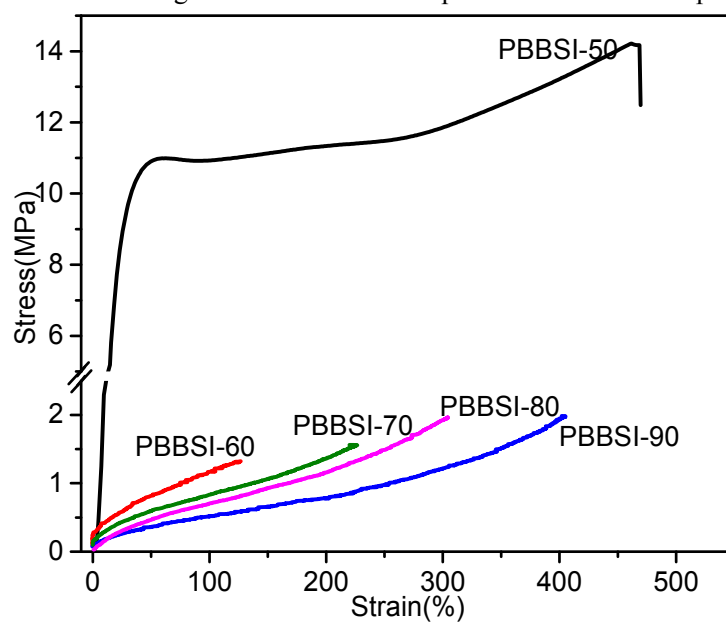


Fig S2 Stress-Strain curves of PBBSI copolyesters.

Table S1 Mechanical properties of crosslinked PBBSI copolyesters

sample	Elastic modulus	Max stress (Mpa)	Elongation at break (%)
PBBSI-50	37.4	14.3	467.8
PBBSI-60	—	1.3	125.9
PBBSI-70	—	1.6	223.5
PBBSI-80	—	1.9	304.2
PBBSI-90	—	2	405.4

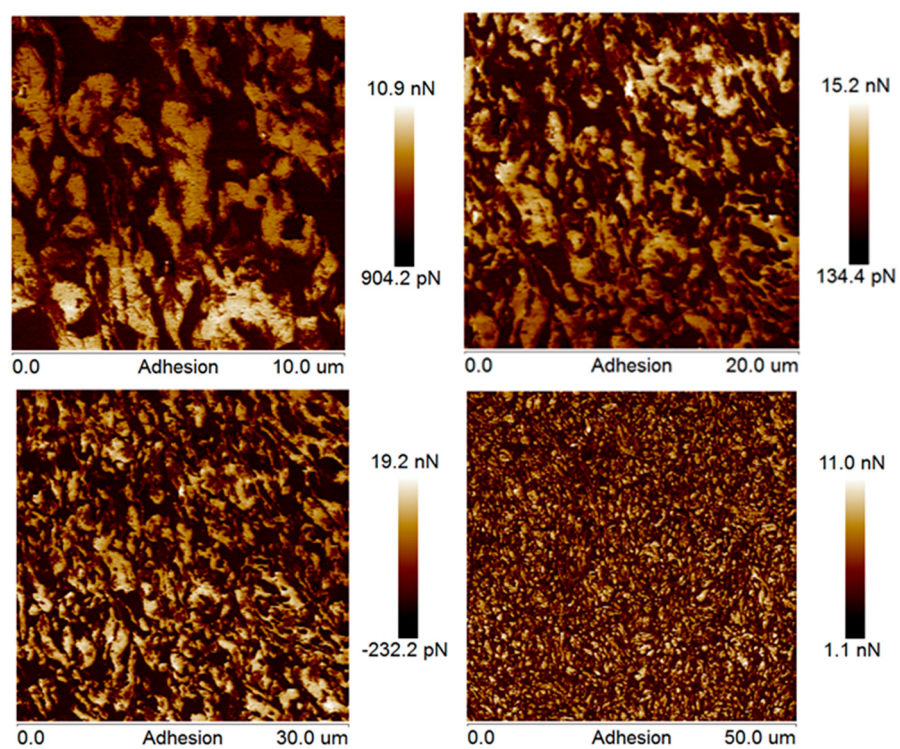


Fig S3 AFM micrograph PBBSI/PLA TPV((a)is 10μm; (b)is 30μm; (c)is 20μm; (d)is 50μm)