Supporting information

Green Thermoplastic Vulcanizates Based on Silicone Rubber and Poly(butylene succinate) via In Situ Interfacial Compatibilization

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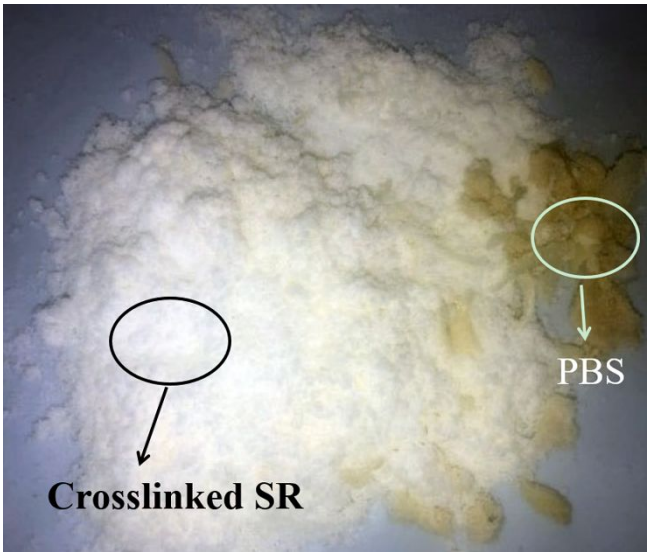

Figure S1. Digital photograph of SR/PBS TPV (SR/PBS=70/30).

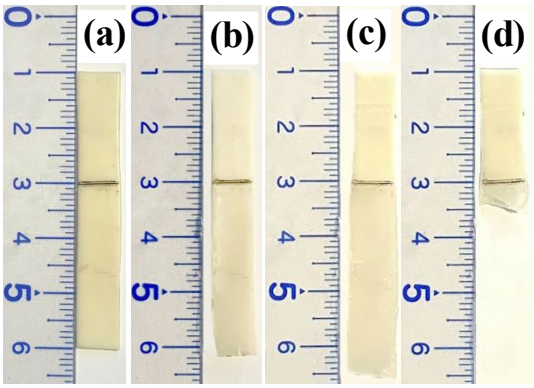

Figure S2. Digital photographs of FSR/PBS-70 immersed in DCM at 35℃ for various time durations: (a) 0 min, (b) 5min, (c) 10 min, and (d) 20 min.

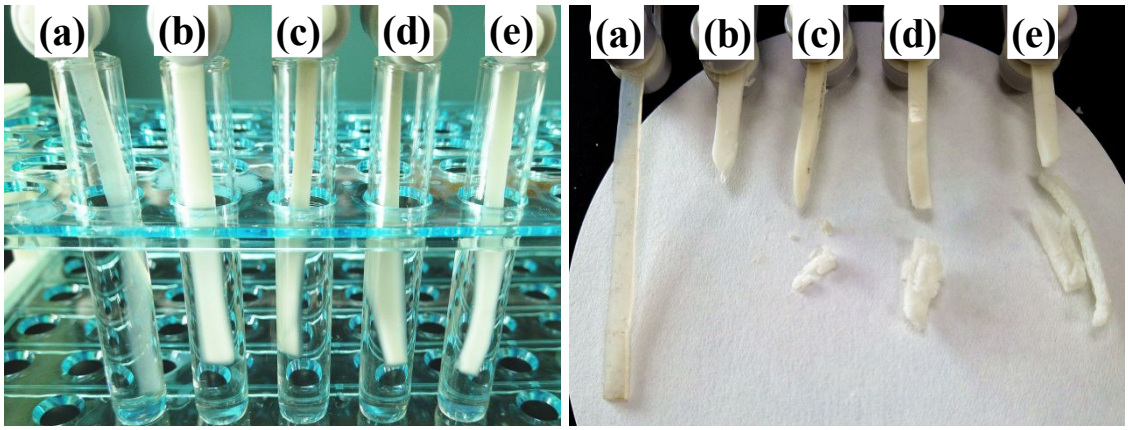

Figure S3. Digital photographs of FSR/PBS TPVs immersed in DCM before (left) and after (right) 20 min at 35℃: (a) FSR; (b) FSR/PBS-50; (c) FSR/PBS-60; (d) FSR/PBS-70; (e) FSR/PBS-80.

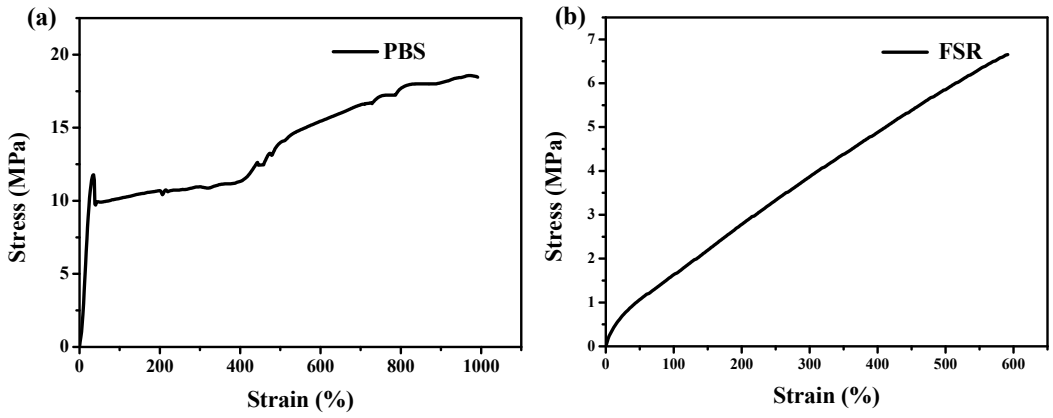

Figure S4. The stress-train curves of (a) PBS and (b) FSR.

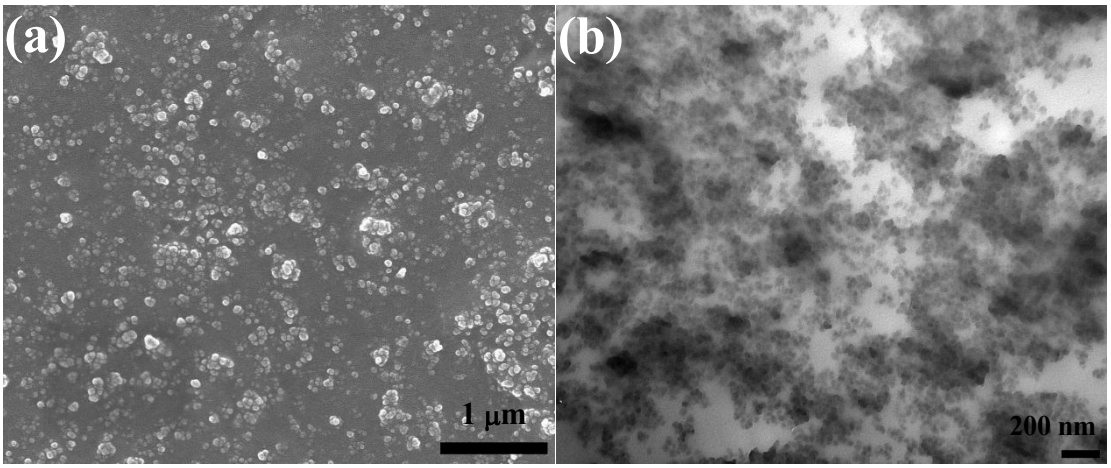

Figure S5. Microscopy images of FSR: (a) SEM, (b) TEM.