

Supporting Information

Destruction mechanism of core-shell particles in impact polypropylene copolymer during short molten-state annealing

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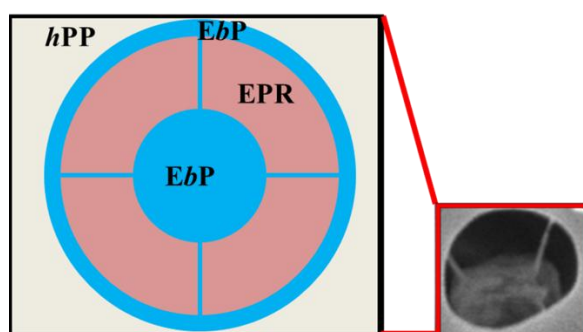


Fig. S1. Close-up pictures of dispersed particle.

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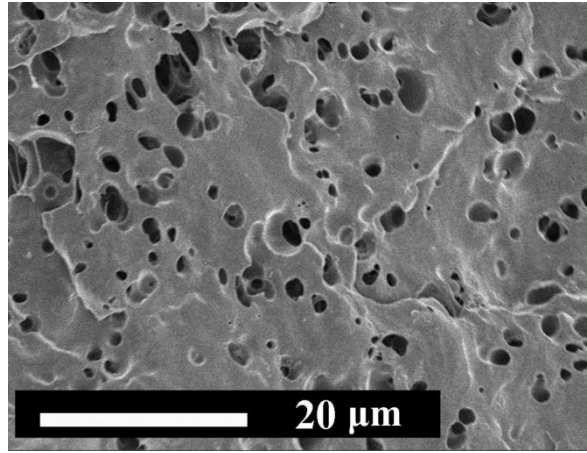


Fig. S2. SEM image of IPC annealed at 210 °C for 10 min. The sample was etched by *n*-octane at 100 °C for two hrs.

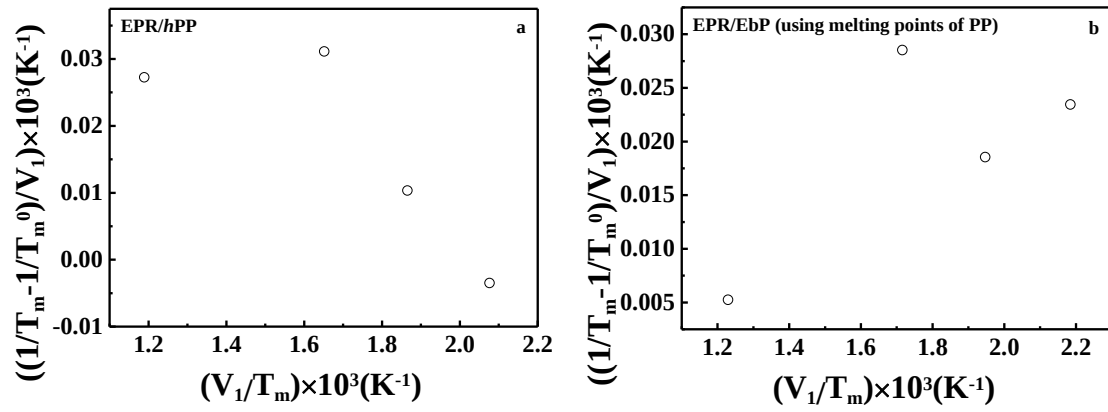


Fig. S3. A plot of the quantity $(1/T_m - 1/T_m^0)/V_1$ against V_1/T_m for EPR/hPP and EPR/EbP mixtures.

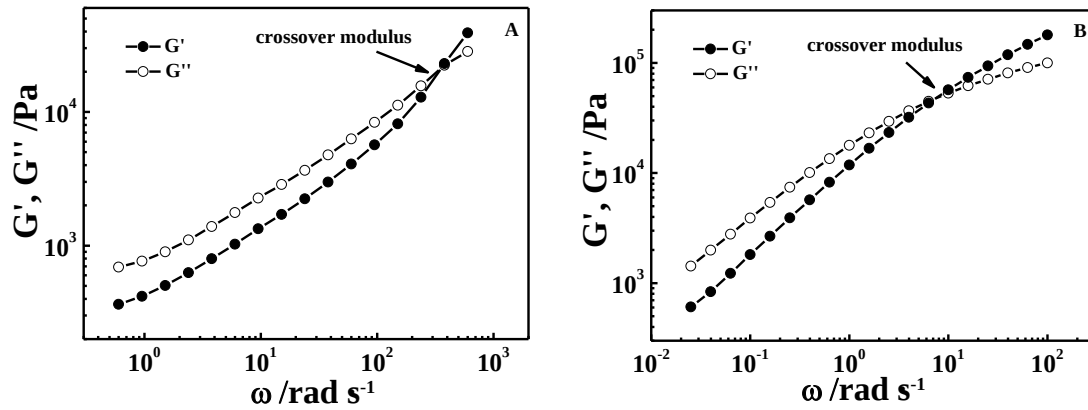


Fig. S4. Crossover modulus of (A) EbP and (B) EPR at 210 °C.

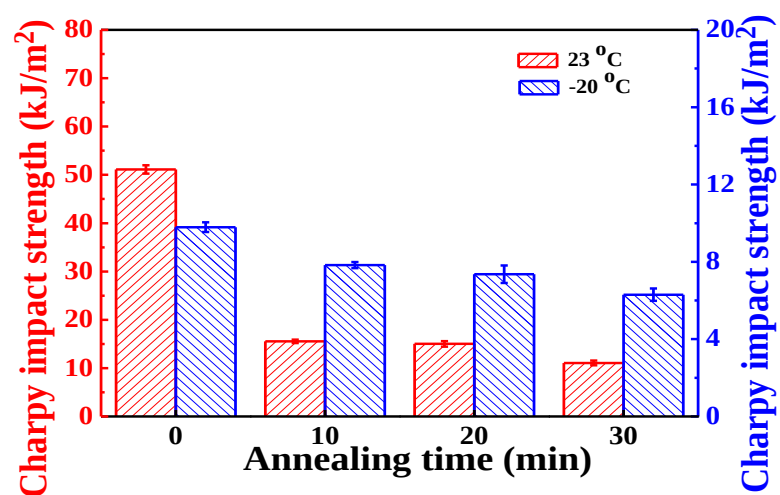


Fig. S5. Notched Charpy impact strength of IPC samples annealed at 210 °C for different time.