

Supporting Information

Compatibilization by Homopolymer: Significant Improvements in Modulus and Tensile Strength of PPC/PMMA Blends by Addition of Small Amount of PVAc

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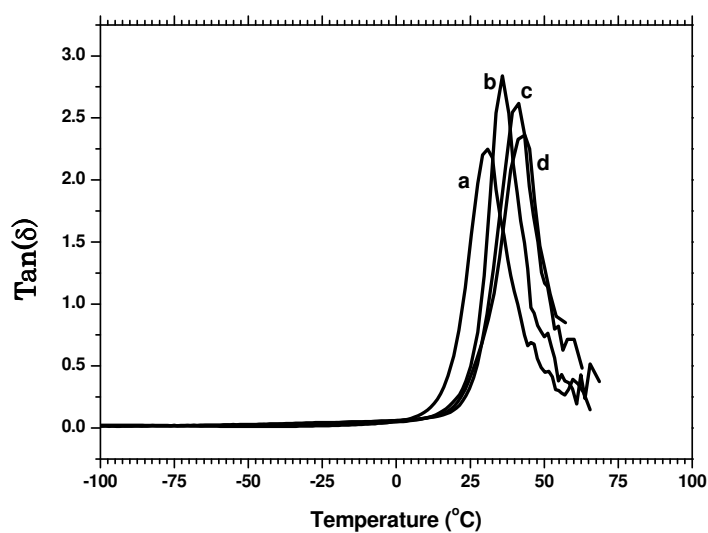


Figure S1. Tan (δ) as a function of temperature for PPC/PVAc blends (a) pure PPC, (b) PPC/PVAc=70/30, (c) PPC/PVAc=30/70, and (d) pure PVAc.

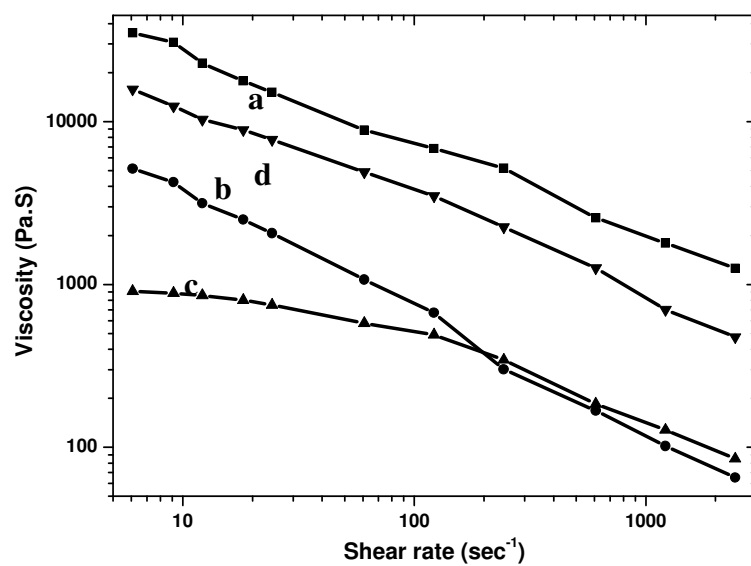


Figure S2. Melt viscosity of (a) PMMA, (b) PPC, (c) PVAc, and (d) PMMA/PVAc=70/30 blend at 155°C by capillary rheometer.

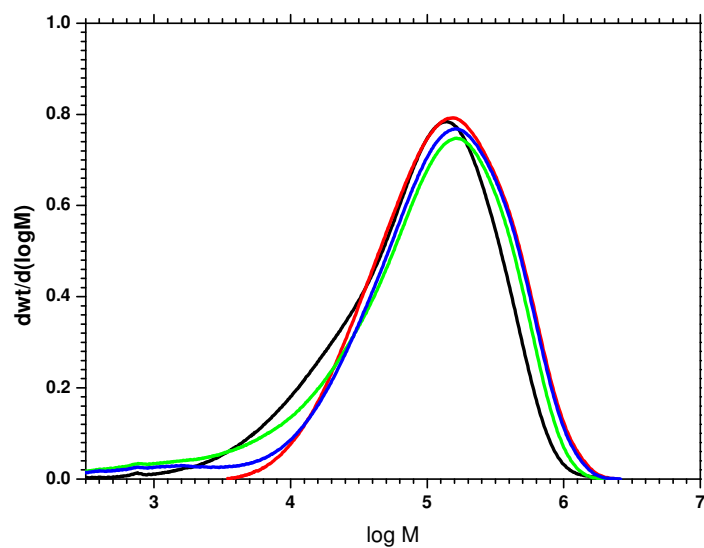


Figure S3. Molecular weight distribution of PPC (black line), PVAc (red line), PPC/PVAc=30/70 (green line), and PPC/PVAc70/30 (blue line) after melt mixing at 155°C by GPC.