Supplementary Materials

Mechanical Property of Polypropylene Gels Associated with That of Molten Polypropylenes

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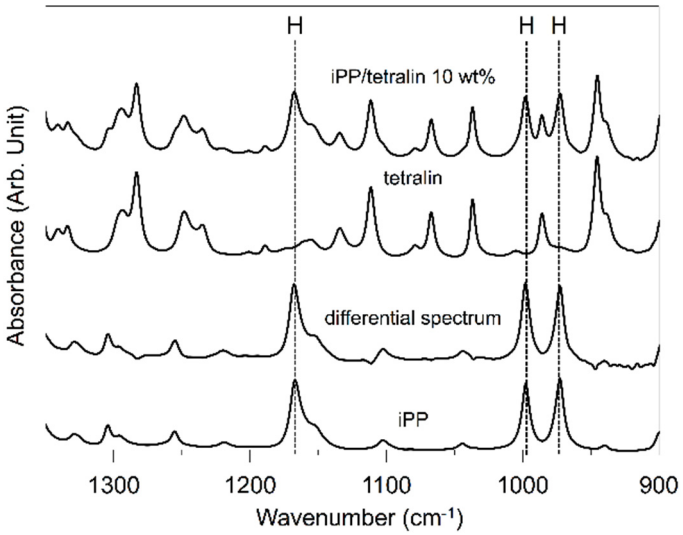

Figure S1. FTIR spectra of iPP/tetralin 10, tetralin, and iPP with the differential spectrum of iPP/tetralin10—tetralin. The FTIR spectrum of the differential spectrum and that of iPP were very similar, indicating the same configurations and structures in both specimens. H (973 cm^{-1}), H (998 cm^{-1}), and H (1167 cm^{-1}) represent helical (amorphous), helical (α crystal), and helical (α crystal), respectively.

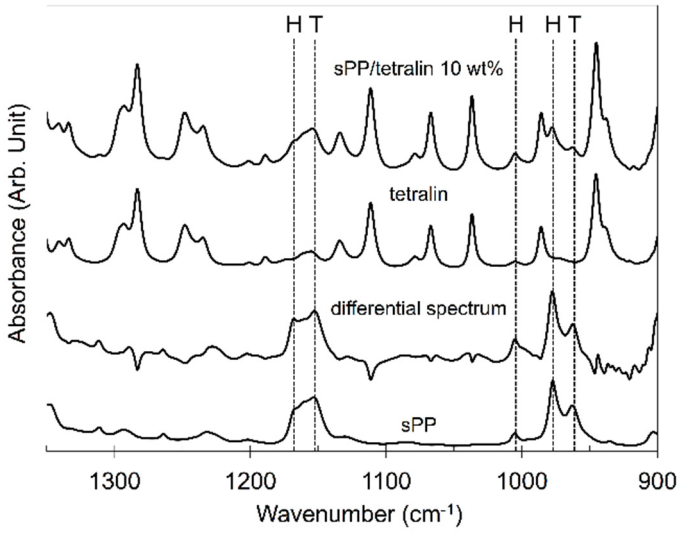

Figure S2. FTIR spectra of sPP/tetralin 10, tetralin, and sPP with the differential spectrum of sPP/tetralin10—tetralin. The FTIR spectrum of the differential spectrum and that of sPP looked very similar, indicating the same configurations and structures in the specimens. T (963 cm^{-1}), H (977 cm^{-1}), H (1005 cm^{-1}), T (1153 cm^{-1}), and H (1169 cm^{-1}) represent planar zigzag (interfacial), helical (interfacial), helical (Form I), planar zigzag (amorphous), and helical (amorphous), respectively.