Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Optoelectrical, Morphological and Mechanical Features of Nitrophenyl Supported Poly(1, 3, 4-oxadazole)s and Their Nanocomposites with TiO_2

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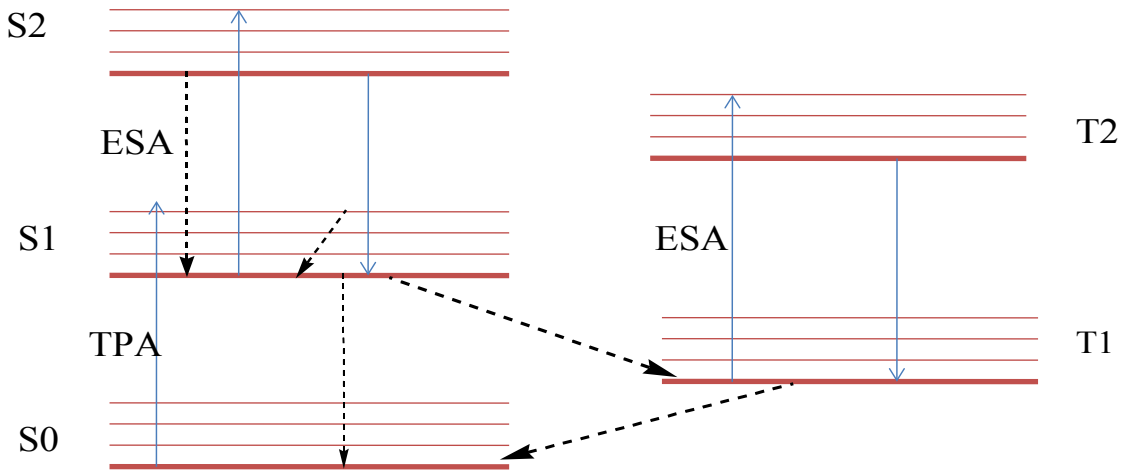
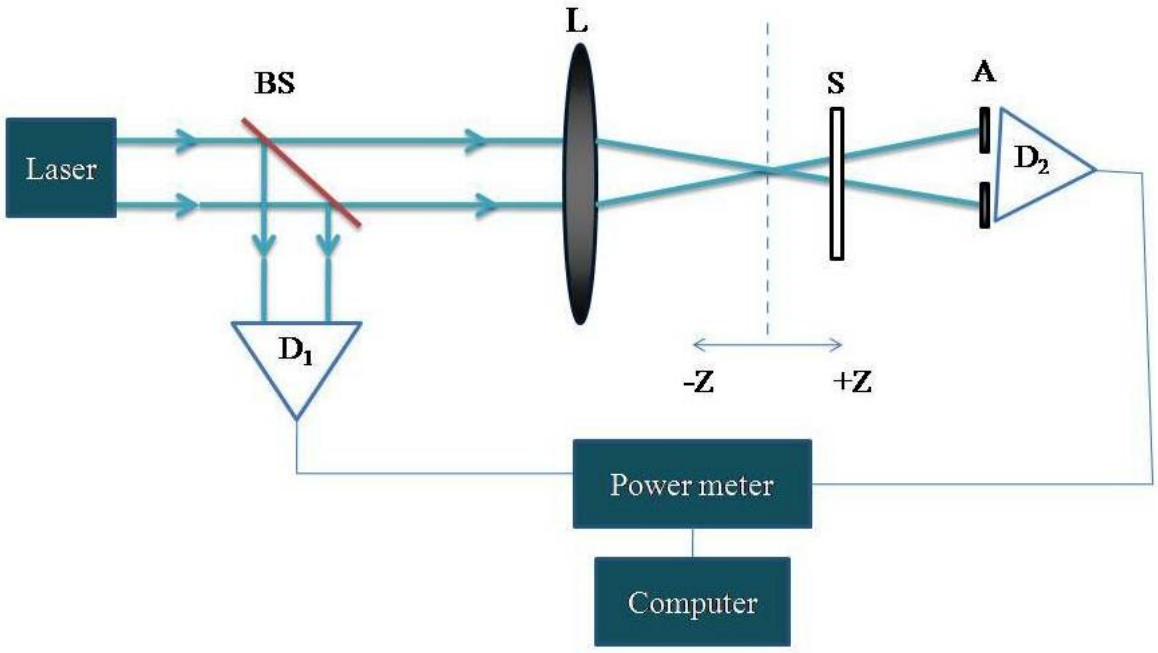
Key Words: Materials applications of polymers, Conjugated polymer nanocomposites, Nonlinear optical effect, UV-Visible radiation effects, Fluorescent composites, Cyclic votlammetry, Morphological analysis, Mechanical properties

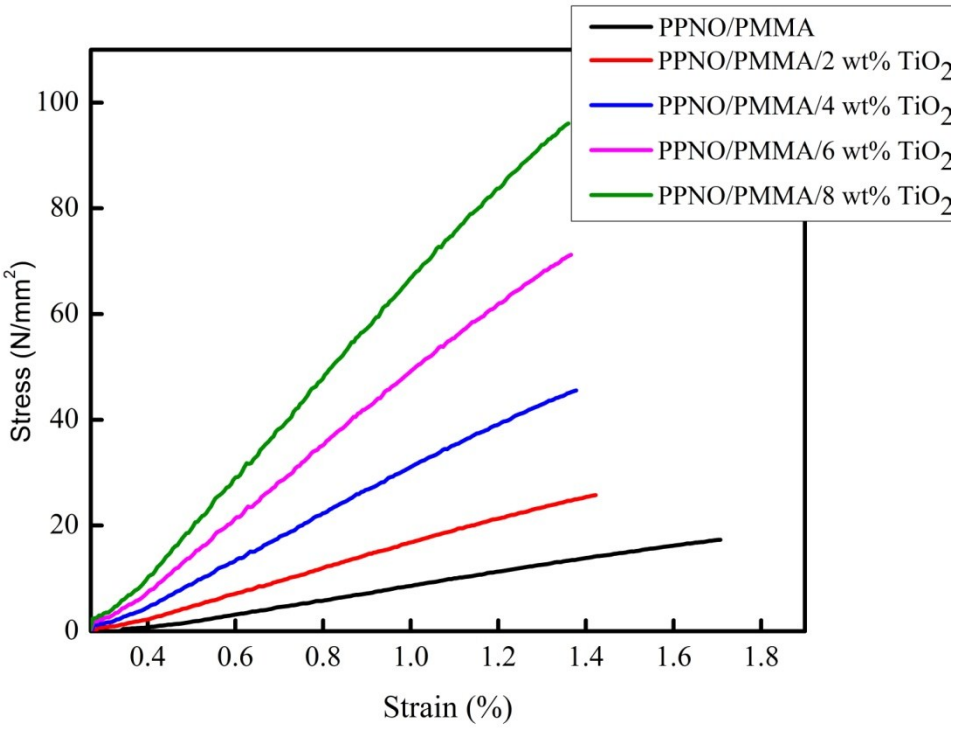


(a)

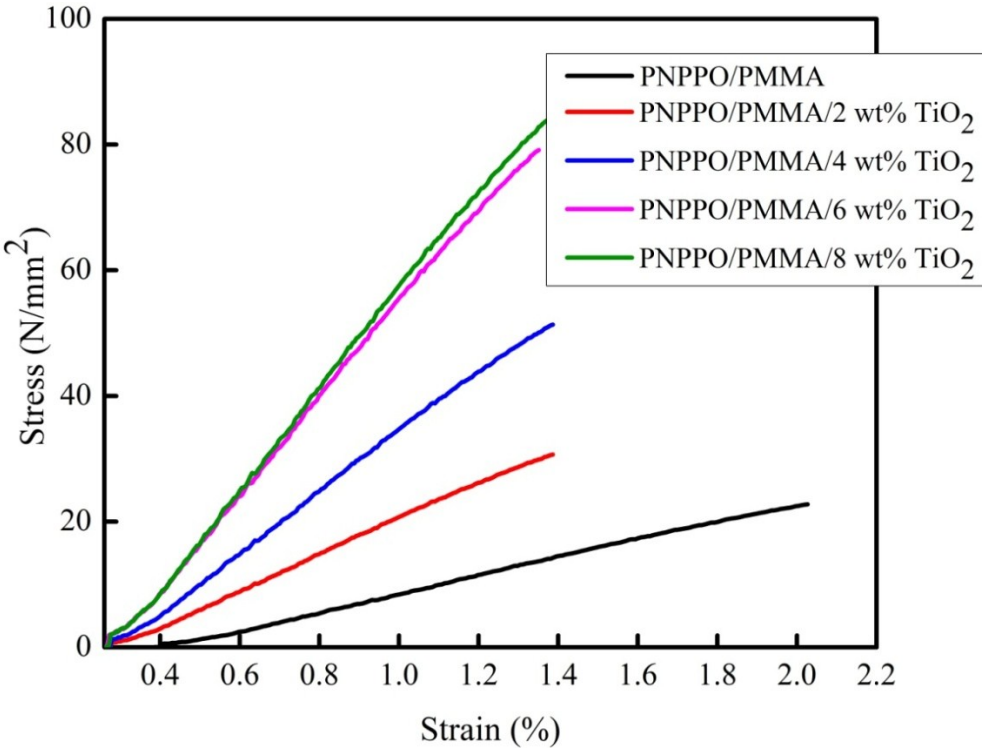


(b)

Fig. 1 (a) five-level energy model; (b) Z-scan set up of nonlinear optical process



(a)



(b)

Fig. 2 Stress-strain plots of PPNO/PNPPO nanocomposites with loading of TiO_2 NPs