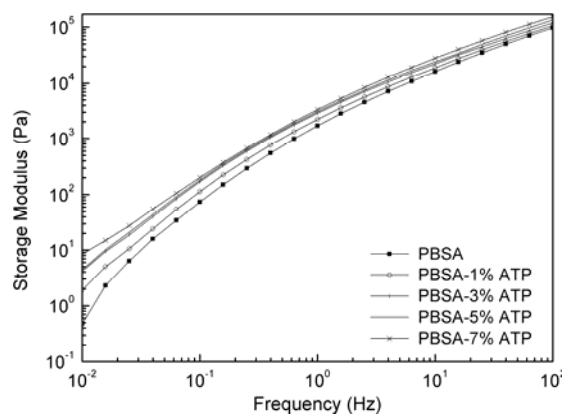
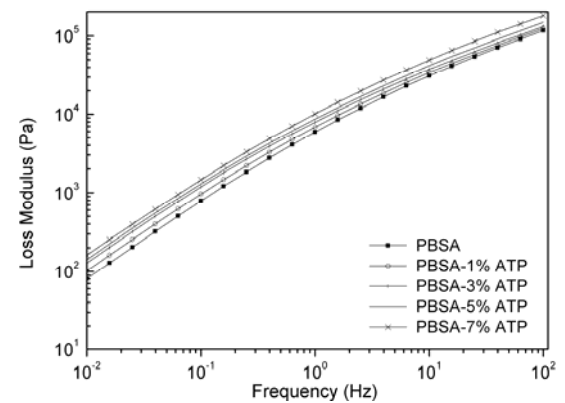


(a) Dynamic complex viscosity



(b) Storage modulus



(c) Loss modulus

Figure 2. Rheology properties of PBSA and nanocomposites

All $|\eta^*|$ values of homogeneous PBSA and various nano-PBSA/ATP decreased with the increasing frequency. They presented a non-Newtonian behavior over the entire frequency range and pronounced a shear thinning characteristics. Both

G' and G'' increased monotonically with increasing ATP content at all frequency and this enhancement effect was more significant at low frequency. At high frequency region, the values of modulus for all samples had little difference. The rheology results confirmed that the network structures were formed because of the interactions between polymer–filler and filler–filler

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